INDEX

TO THE

LITERATURE OF ELECTROLYSIS,

By W. WALTER WEBB.

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XIX.—*Index to the Literature of Electrolysis and its Applications,*

1784–1880.

BY W. WALTER WEBB.

Read April 24th, 1882.

The following Index is confined to the literature of electrolysis and its applications, especially in electro-metallurgy; the whole subject of the various forms of the galvanic battery, its theory and uses, has been omitted; electro-capillarity and passivity are, however, included.

It is not claimed that the Index is complete, yet care has been taken to make it include the best-known English, French and German journals.

I must express my thanks to Prof. H. C. Bolton for his suggestion of the idea of compiling such an Index, for his kindness in allowing the plan of those published by himself to be copied, and for much assistance which he has given me.

I am indebted to the Index of the Literature of Ozone, published by Professor Leeds, for many of the references in the following Index.

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APRIL, 1882.

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[For list of authorities, with abbreviations, etc., see the close of the Index.]

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1789	Milner	" LXXIX, 300.	The same.
	Troostwyk	Journ. de Phys., Nov., 1789.	Decomposition of water.
	Van Marum	A. c. p., XI, 270.	Effect of the spark on CO_2.
1790	Keir	Phil. Trans., 1790, 359.	Precipitation of metals.
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	Pearson	" XC, 188. Gilb. Ann., VI, 370.	Electrolysis of water.
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1801	Cruikshank	Gilb. Ann., VII, 106.	Electrolysis of H_2SO_4.
	Gautherot	A. c. p., 1, XXXIX, 203.	Decomposition of water.
	Gilbert	" 1, XLI, 107.	The same.
	Ritter	Gottl. Alm., 1801.	Electro-chemical decomposition.
	Simon	Gilb. Ann., VIII, 35.	Decomposition of H_2SO_4.
	Vauquelin	A. c. p., 1, XXXIX, 103.	New experiments in galvanism.
1802	Facquez	" 1, XLIII, 306.	Decomposition of HCl.
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	Davy	" 1, XLIV, 206.	Action of galvanic electricity.
	Gahn	Gilb. Ann., XIV, 235.	Electrolysis of arsenate of potassium.
	Hisinger and Berzelius	Geh., J., I.	Electro-chemical decomposition.
	Simon	A. c. p., 1, XLV, 182, 13.	Decomposition of H_2O.
1804	Wilkinson	Nich., J., 2, IX, 243.	The same.
1805	Brugnatelli	Phil. Mag., 1805	Gilding.
	Pacchiani	A. c. p., 1, LV, 15; 1, LVI, 152.	Decomposition of HCl.
	Sylvester	Nich., J., 2, X, 106.	Decomposition of H_2O.
1806	Grotthuis	A. c. p., 1, LVIII, 10, 54.	The same.
	Kidel	Nich., J., 2, XIV, 134.	Analysis by electrolysis.
	Pacchiani	A. c. p., 1, LX, 314, 325.	Decomposition of HCl.
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1806	Sylvester	Nich., J., XV, 50, 28.	Experiment in electrolysis
	Wilkinson	" XIV, 342, 28.	Supposed production of HCl from H_2O by electrolysis.
1807	Alemani	A. c. p., 1, LXV, 323; Phil. Mag., 1, XXVIII, 339.	Electrolysis of H_2O and HCl.
	Chompré	A. c. p., 1, LXI, 58.	Electrolysis of HCl and $KClO_3$.
	Berzelius	" 1, LXI, 258.	Electrolysis of HCl.
	Davy	Phil. Trans., XCVII, 1; Phil. Mag., 1, XXVIII, 1, 104, 220; Nich., J., 2, XVIII, 339; 2, XVI, 79.	Decomposition by electricity.
	Guyton	Nich. J., 2, XXIII, 263.	Electrolysis of sulphides.
	Hisinger and Berzelius	Gilb., Ann., XXVII, 301.	Electrolysis of concentrated H_2SO_4.
	Launay	Phil. Mag., 1, XXVII, 260.	HCl by electrolysis.
	Pfaff	A. c. p., 1, LXII, 23.	Electrolysis of HCl.
	Riffault and Chompré	" 1, LXIII, 73.	Theory of electrolysis.
	Sylvester	Gilb., Ann., XXV, 454.	Precipitation of metals.
	Veau de Launay	Nich. J., 2, XVIII, 155, 28.	HCl by electrolysis.
1808	Bucholz	A. c. p., June, 1808, 266; Gehl., J., XVII; Nich. J., 2, XXV, 39.	Electrolysis by weak currents.
	Davy	Phil. Trans., XCVIII, 33; Phil. Mag., 1, XXXII; 1, 101, 146; Nich. J., 2, XIX, 37; XX, 290; A. c. p., 1, LXIII, 172; LXIV, 319; LXVIII, 205, 225.	Na and K by electrolysis.
	Descostils	A. c. p., 1, LXIII, 77.	Electrolysis of salts.
	Seebeck	N. Gehl., V, 482.	NH_4 amalgam by electrolysis.
	Sylvester	Nich., J., 2, XIX, 157.	Electrolysis of the alkalies.
	Théodore	A. c. p., 1, LXIII, 5.	Electrolysis of metals.
1809	"A. B."	Phil. Mag., 1, XXXIII, 87.	On Davy's theory.
	Brande	" 1, XXXV, 111.	Electrolysis of blood.
	Davy	" 1, XXXVI, 17; A. c. p., 1, LXX, 189, 225; Nich. J., 2, XVI, 321.	Electrolysis of N and NH_3.
	Davy	Phil. Trans., 1310, part 1; Phil. Mag., 1, XXXV, 401.	Electrolysis of Na and K.
	Davy	Nich., J., 2, XXII, 149.	Letter on electrolysis.
	Bucholz	Gehl., J., VII, 734.	Precipitation of metals.
	Pfaff	Nich., J., 2, XVII, 362, 28.	HCl by electrolysis.
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	Van Mons	" 2, XXXIV, 179.	The same.
1810	Davy	Phil. Trans., C, 16; A. c. p., 1, LXXV, 27, 129.	Electro-chem. researches.
	Gay-Lussac and Thénard	A. c. p., 1, LXXIII, 197; Phil. Mag., 1, XXXV, 307.	Electrolysis of NH_3.

1810	Wollaston	A. c. p., 1, LXXIV, 299.	Electrol. of the secretions.
1811	Anderson	Nich., J., 2, XXX, 183.	Electrolysis of H_2O.
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	Donovan	Phil. Mag., 1, XXXVII, 227, 245.	Davy's theory.
	Gay-Lussac and Thénard	A. c. p., 1, LXXVIII, 245.	Electrolysis.
	Grotthuss	" 1, LXIII, 5; Nich. J., 2, XXX, 112.	Metallic arborizations.
	Heinskin	Nich. J., 2, XXX, 157, 28.	Electrolysis of Na_2CO_3.
1812	Singer	" 2, XXXI, 90, 216.	Electrolysis.
	Murray	" 2, XXXI, 87.	Electrolysis of H_2O.
1813	Avogadro	A. c. p., 1, LXXXVII, 286.	Berzelius's theory.
	Berzelius	" LXXXVI, 146.	Theory of electrolysis.
1814	Brande	Phil. Mag., 1, XLIV, 124.	Electrolysis.
1815	Donovan	" XLV, 154, 308, 380.	Metallic arborization.
1818	Acton	Phil. Mag., 2, II, 112.	K by electrolysis.
1821	Wollaston	A. c. p., 2, XVI, 45.	Electrolysis.
1822	Fisher	Gilb. Ann., LXXII, 289.	Precipitation of metals.
	Van Mons	" LXXIII, 310.	Arborizations.
	Witting and Bischoff	" LXXIV, 424.	The same.
1824	Becquerel	Mem. de l'Acad., XI, 33.	Electrolysis with weak currents.
1825	De la Rive	A. c. p., 2, XXVIII, 190.	Electrolysis.
	Ferré	" XXVIII, 417; T. Ann., N. S., X, 262.	Application of the theory of electrolysis.
	Fisher	Pogg., IV, 291; VI, 43.	Precipitation of metels.
1826	Davy	Phil. Trans., CXVI, Pt. 3, 383.	Electrolysis and chemical changes.
	Davy	Phil. Trans., 1825, Pt. 2; Phil. Mag., 2, LXVII, 89; T. Ann., N. S., XI, 248.	Preservation of metals by electrolysis.
	Dumas	A. c. p., 2, XXXIII, 265.	Electrolysis of $CaCO_3$.
	Fisher	Pogg., VIII, 488; IX, 255.	Precipitation of metals.
1827	Becquerel	A. c. p., 2, XXXV, 113, 23.	Electrolysis by weak currents.
	Davy	Phil. Mag., 2, I, 31, 94, 190,	History of electrolysis.
	De la Rive	A. c. p., 2 XXXV, 164; Pogg., X, 311.	Electrolysis of bromine.
	Fisher	Pogg., X, 603.	Precipitation of metals.
	Nobili	A. c. p.,2, XXXIV, 280, 419.	New phenomena in electrolysis.
	Pouillet	" XXXVI, 5.	Electrolysis.
	Sérullas	" XXXIV, 192.	The same.
1828	Davy	Phil. Trans., 1826, Pt. 3; Rep. of Arts, 3, V, 76.	Electrical and chemical relations.
	Fisher	Pogg., XII, 499.	Precipitation of metals.
	Libri	Edinb. So. Sci., 1, IX, 353; A. c. p., 2, XXXVIII, 100; Rep. of Arts, 3, VIII, 116.	Electrolysis of odorous substances.
1829	Fisher	Pogg., XVI, 124; Kastn. Archiv., XVI, 219.	Precipitation of metals.

1829	Becquerel	A. c. p., 2, XLI, 5; XLII, 225; Pogg., XVI, 306; Phil. Mag., 2, VII, 61; Berzl., J. B., VIII, 20.	Electrolysis by weak currents.
1830	Becquerel	A. c. p., 2, XLIII, 131, 380; Pogg., XVIII, 143; Berzl., Jahresb., X, 29; Phil. Mag., 2, VII, 226.	The same.
	Bonijol	Bibl. Univers., Oct., 1830. Am. J. Sci., 1, XX, 179.	Electrolysis of H_2O by atmospheric electricity.
	Dumas	Rep. of Arts, 3, VIII, 370.	Deposits in lead pipe.
1831	Arago	" 3, XII, 119.	Electrolysis of zinc.
	Barry	Phil. Mag., IX, 357, 33.	Electroly. by atmospheric electricity.
	Becquerel	A. c. p., 2, XLVIII, 337.	Electrolysis of oxides of Fe and Mn.
	Brande	Pogg., XXII, 308; Phil. Mag., 2, IX, 237.	Electrolysis of organic substances.
	?	Br. A. A. Sci., 1831–32, 468.	Electro-metallurgy.
1832	Becquerel	Pharm. Centrl., III, 527.	Titanium by electrolysis.
	Bonijol	J. Roy. Inst., I, 293; Am. J. Sci., 1, XXI, 368.	Decomp. of water by atmospheric electricity.
	Botts	Bibl. Univ., Sept., 1832; Am. J. Sci., 1, XXIV, 197.	Electrolysis.
	Hachette	A. c. p., 2, Sept., 1832; Am. J. Sci., 1, XXIV, 142.	Electrol. by the electric induction spark.
1833	Becquerel	A. c. p., 2, LII, 240.	Effect of vegetation on electrolysis.
	Becquerel	Mem. de l'Acad., XII, 581; A. c. p., 2, LIII, 105; Pogg., XXXI, 46; Am. J. Sci., 1, XVII, 383.	Electrolysis by weak currents.
	Bouchardat	Dingl., J., L, 289; J. Pharm., 1833, 457.	Electrolysis.
	Faraday	F. R., I, 87, 127; Phil. Mag., 2, III, 253, 450.	Electrolysis by frictional electricity.
1834	Avogadro	Mem. de l'Acad. Sci. T., II, 1; A. c. p., 2, LXXI, 5.	Electrolysis.
	Bessemer	Mech. Mag., 1864, 73.	Electro-metallurgy.
	Faraday	F. R., I, 195, 259; Phil. Mag., 3, IV, 291; V, 161, 252, 334, 424, 456; VI, 34, 125, 171, 272, 331, 410.	Electrolysis.
1835	Aimé	C. R., I, 471.	Electro-chem. apparatus.
	Becquerel	A. c. p., 2, LX, 164; Berl., Jahresb., XIV, 791.	Electrolysis by weak currents.
	Becquerel	C. R., I, 455.	Electro-chem. apparatus.
	Begriff	Ann. Ch. Pharm., XVI, 129.	Electrolysis.
	Botts	Bibl. Univ., 1835, 120; Am. J. Sci., 1, XXIX, 369.	Electrolysis by terrestrial magnetism.
	Connell	Edinb. N. Phil. J., XIX, 159.	Electrolysis of ethers.
	Martens	Bull. Acad. Brus., II, 57, 18.	Theory of electrolysis.
	Poggendorf	Phil. Mag., 3, VII, 421.	Vindication of Faraday.
	Van Mons	Bull. Acad. Brus., I, 11, 199.	Theory of electrolysis.

1835	Walford	Phil. Mag., 3, VIII, 170,	Davy's theory of electrolysis.
1836	Becquerel	C. R., II, 230.	Extraction of Ag from the ore.
	De la Rive	Phil. Mag., 3, IX, 234.	Nobili's discoveries.
	De la Rive	" 1836.	Electro-metallurgy.
	Einbrodt	A. c. p., 2, LXI, 262.	Theory of electrolysis.
	Elkington	Rep. of Arts, 4, VIII, 223.	Gilding.
	Faraday	Phil. Mag., 3, IX, 60.	Passive iron.
	Gherardi	Nov. Com. Bon., 1, V, 132.	Heat in electrolysis.
	Paillette	C. R., III, 724.	Electro-chem. phenomena.
	Schönbein	Pogg., XXXVIII, 449.	Passive iron.
	Solly	Phil. Mag., 3, IX, 53; 3, VIII, 130.	Electrol. of Cl, Br, I.
	?	Dingl. J., LXII, 77.	Arborization.
1837	Becquerel	C. R., IV, 824.	Electrolysis in soluble bodies.
	"	" 831.	Influence of surface on electrolysis.
	"	" V, 88; Berzelius, Jahresb., XVI, 129.	Electrolysis in the formation of minerals.
	"	Phil. Mag., 3, X, 154.	Extraction of minerals by electrolysis.
	Bird	" " 357; J. pr. chem., X, 310.	Electrolysis of albumen.
	Bird	Phil. Mag., 3, X, 376.	Electrolysis by long continued currents.
	Connell	" " 93.	Electrol. of iodic acid.
	Cross	C. R., IV, 882.	Compounds by electrol.
	De la Rive	Ann. Chem. Pharm., XXIV 160.	Electrolysis of chemical compounds.
	Dulk	Ann. Chem. Pharm., XXIV 161.	The same.
	Elkington	Rep. of Arts, 4, VIII, 354.	Platinum electro-metallurgy.
	Faraday	Phil. Mag., 3, X, 175.	Effect of electrolysis on iron.
	Fox	" " 171.	Crystals by electrolysis.
	Noad	" " 276; " XI, 48.	Effect of electrolysis on iron.
	Paillette	C. R., IV, 342.	New substance by electrolysis.
	Pouillet	" 785.	Electrolysis of water.
	Schönbein	Phil. Mag., 3, X, 133, 172, 267, 425.	Passive iron.
	Sturgeon	Ann. Elect., I, 11.	Analysis by electrolysis.
1838	Becquerel	C. R., XXII.	Electrolysis by weak currents.
	Bird	Ann. Elect., II, 30; Phil. Mag., XIII, 379, 3 sr.	Platinum electrodes.
	Bird	Am. J. Sci., 1, XXXIII, 267.	Crystals by electrolysis.
	Böttiger	Phil. Mag., 3, XI, 298.	Colors by electrolysis.
	Clarke	Am. J. Sci., 1, XXXIII, 217.	Electrolysis by magneto-electricity.
	Elkington and Barratt	Br. Pat. Rep., 1838, 1742; Lond. J., XIX, 79.	Electro-metal. of zinc.

1838	Faraday	Phil. Mag., 3, XI, 206, 358.	Electrolysis.
	Lepage	C. R., VI, 420.	Passive iron.
	Matteucci	Phil. Mag., 3, XIII, 469.	Platinum electrodes.
	Pasley	Bull. Soc. l' Ind., XXXVII, 123.	Passive iron.
	Schönbein	C. R., VI, 421, 277.	Peroxides by electrolysis.
	Schönbein	Phil. Mag., 3, XI, 311.	Action of peculiar currents
1839	Becquerel	C. R., VIII, 783.	Sulphates by electrolysis.
	Becquerel	" VIII, 497.	Electrolysis of water.
	Böttiger	Ann. Ch. Pharm., XXIX, 77	Electrolysis.
	Daniell	Phil. Mag., 3, XV, 317; Phil. Trans., 1837.	Electrolysis of binary compounds.
	Guggsworth	Ann. Elect., March, 1839.	Electro-metallurgy.
	Grove	C. R., VIII, 802.	Electrolysis of water.
	Jacobi	Phil. Mag., 3, XV, 161.	Mixed O and H by electrolysis.
	J. B.	" 3, XIV, 446.	Platinum electrodes.
	Maas	Bull. Acad. Brus., 1, VI, 2, 438.	Passive iron.
	Matteucci	C. R., VIII, 840; A. c. p., 2, LXXIV, 99.	Electrolysis.
	Van Mons	Bull. Acad. Brus., 1, II, 199.	Electro-chemical theory.
1840	Arago	C. R., X, 375, 870.	Electro-metallurgy.
	Becquerel	Bull. Soc. l'Ind., XXXIX, 407.	Electrolysis of silver.
	Boquillon	C. R., X, 771; XI, 25, 120; Bull. Soc. l'Ind., XXXIX, 305, 339.	Electro-metallurgy.
	Böttiger	Pogg., L, 45.	Electrol. of Mn. salts.
	Boutowski	C. R., X, 841.	Electro- metallurgy.
	Brongniart	" XI, 768.	The same.
	Cartwright	Ann. Elect., V, 236.	Electrotypes.
	Coulier	C. R., XI, 531, 825.	Electro-metallurgy.
	Daniell	Phil. Mag., 3, XVII, 297, 349; Ann. Ch. Pharm., XXXVI, 321; Arch. Elect. 1, 594.	Electrolysis of binary compounds.
	De la Rive	Bull. Soc. l'Ind., XXXIX, 190; Arch. Elect., I, 669; A. c. p., 3, LXXIII, 398; C. R., X, 578; XI, 25, 913.	Electro-gilding.
	De la Rive	Pogg., LIV, 402.	Electrodes of Pt., Ag and Cu.
	Demidoff	C. R., X, 375.	Electro-metallurgy.
	Dumas	Ann. Ch. Pharm., XXX, 288; Phil. Mag., 3, XVII, 183.	Theory of electrolysis.
	Elkington	Br. Pat. Rep., 1840, 8447; Rep. of Arts, 4, XVI, 239; Lond. J., XIX, C. S. 83; Mech. Mag., XXXIII, 397; Ann. Electr., VII, 377; C. R., XIII, 636, 998.	Electro-gilding.
	Faraday	F. R., II, 25, 59.	Electrolysis.
	Gorke	Phil. Mag., 3, XVII, 299.	Electro-chem. equivalents.

1840	Jacobi	Anz. Polyt. J., LXXV, 110.	Applications of electrol.
	Jotard	C. R., XI, 713.	Electro-metallurgy.
	Kobell	Bull. Soc. l'Ind., XXXIX, 481; XL, 10.	The same.
	Krasner	C. R., XI, 712.	The same.
	Lockett	Br. Pat. Rep., 1840, 8610; Lond. J., XIX, C. S. 89; Mech. Mag., XXXIV, 221.	The same.
	Perrott	C. R., XI, 1063.	The same.
	Richoux	" XI, 636.	The same.
	Schönbein	Basel. Ber., IV, 66; Bibl. Univ., XXVIII, 342; Pogg., L, 616; Arch. Elect. IV, 333; Phil. Mag., 3, XVII, 293; Proc. R. Soc. IV, 226; Edinb. N. Phil. J., XXIX, 178; C. R., X, 679; Ann. Elect., VII, 470; Am. J. Sci., 1, LXI, 43; Br. As. A. Sci,, 1840, 209.	Ozone by electrolysis.
	Shore	Br. Pat. Rep., 1840, 8407; Ann. Elect., VII, 38.	Electro-metallurgy.
	Solly	Phil. Mag., 3, XVI, 309.	Precipitation of Cu. by electrolysis.
	Soyer and Ingé	C. R., XI, 292.	Electro-metallurgy.
	Spencer	Br. Pat. Rep., 1841, 8865; Rep. of Arts, XVI, N. S., 287; Lond. J., XX, C. S., 166; Mech. Mag., XXXV, 282; Inv. Adv., V, 180; G. Sci. Mis., IV, 62; Ann. Elect., VII, 380; Am. J. Sci., 1, XL, 157.	The same.
	Sturgeon	Ann. Elect., V, 484.	Electrotypes.
	Von Kobell	Gel. Anz., LXXXVIII, LXXXIX; J. pr. Chem., XX, Nos. 3, 4; Ann. Elect., V, 198.	The same.
1841	Arago	C. R., XII, 509, 779, 957.	Electro-metallurgy.
	"	" XIII, 26.	Electro-metallurgy in photography.
	Barratt	Br. Pat. Rep., 1841, 9077; Rep. of Arts, XVII, N. S., 367; Mech. Mag., XXXVI, 476; Lond. J., XX, C. S, 438.	Electro-met. of alloys.
	Becquerel	Arch. Elect., 1, 281.	Electrolysis of water.
	"	C. R., XVII, and XVIII; Ann. Elect., VI, 411.	Chemical force of currents
	Boquillon	C. R., XIII, 833, 1157; Ann. de M., III, XIX,429; Bull. Soc. l'Ind., XL, 10.	Electrotypes.
	Connell	Arch. Elect., I, 401; Phil. Mag., XVII, 353.	Electrolysis of alcohols.
	David	C. R., XIII, 965.	Electro-metallurgy.
	Davy	Ann. Elect., VII, 173.	Electrolysis.

1841	Dent	Am. J. Sci., 1, XLI, 402.	Electro-gilding.
	De la Rive	Arch. Elect., I, 175.	Electrolysis by magneto-electricity.
	Fizeau	C. R., XII, 401.	Electo-metallurgy in photography.
	Grove	Phil. Mag., 3, XIX, 99; XVIII, 543.	Electro-nitrogurets.
	Hunt	Ibid., 3, XIV, 442.	Electrol. of copper salts.
	Jordan	Ann. Elect., VIII, 239; Phil. Mag., 3, XIX, 452.	Electro-metallurgy.
	Joule	Phil. Mag., 3, XIX, 265.	Heat evolved in electrol.
	Leseuer	C. R., XIII, 29.	Electro-metallurgy.
	Mallet	Br. Pat. Rep., 1841, 9018.	Preservation of ship-sheathing.
	Matteucci	Arch. Elect., I, 340.	Electrolysis.
	Melloni	C. R., XII, 219.	Electrotypes.
	Moyle	Ann. Elect., VI, 112.	The same.
	Parks	Br. Pat. Rep., 1841, 8905; Rep. of Arts, 4, XVII, 199.	Electro-metallurgy.
	Ruolz	C. R., XIII, 342.	Electro-gilding.
	Soyer	" 787.	Electro-silvering.
	Soyez	Bull. Soc. l'Ind., XLI, 83.	Electrotypes.
	Sturgeon	Ann. Elect., VI, 79.	The same.
	Talbot	Br. Pat. Rep., 1841, 9167; Rep. of Arts, I, E. S., 47; Lond. J., XXI, C. S., 357; Mech. Mag., XXXVI, 496; Eng. and Arch. J., V, 358.	Electro-metallurgy.
	Traffant	C. R., XIII, 1100.	Electro-gilding.
	Walker	Phil. Mag., 3, XIX, 328; Arch. Elect., II, 466.	Electro-metallurgy.
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	Becquerel	Ann. Elect., IX, 491.	Secondary products by electrolysis.
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	Charrière	" XIV, 457.	The same.
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	Crosse	Phil. Mag., 3, XXI, 64.	Electrolysis of minerals.
	De la Rive	Arch. Elect., II, 468; Ann. Elect., VIII, 216, 333.	Electrol. of natural waters.
	Elkington	Bull. Soc. l'Ind., XLI; Ann. Elect., VIII, 125; Arch. Elect., II, 111.	Electro-metallurgy.
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	Grove	Arch. Elect., II, 457.	Electro-metallurgy in photography.
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	Martens	Arch. Elect., II, 558.	Electrolyses.

1842	Matteucci	Ann. Elect., IX, 34.	Electrol. of silver salts.
	Pearson	" IX, 496	Electrolysis of water.
	Perrot	C. R., XIV, 370.	Electro-metallurgy.
	Peyré	" XIV, 73; Bull. Soc., l'Ind., XLI, 55.	The same.
	Poggendorff	Arch. Elect., III, 117; Ann. Elect., IX, 143.	Ferric acid by electrol.
	Ruolz	C. R., XIV, 252; XV, 280, 466; Bull. Soc. l'Ind., XLI, 424.	Electro-metallurgy of zinc.
	Schönbein	Arch. Elect., II, 241, 509.	Electrolysis.
	Sorel	C. R., XIV, 228, 339.	Electro-metallurgy of zinc.
	Soyer	" XV, 466.	Electro-metallurgy.
	"	" XV, 784.	Bodies preserved by electro-metallurgy.
	Tuck	Br. Pat. Rep., 1842, 9379; Lond. J., XXII, C. S., 458; Rec. Pat. Inv., I, 373.	Electro-metallurgy.
	"V"	Phil. Mag., 3, XX, 72.	New theory of electrolysis.
	Von Kobell	Bull. Ac. Sci. Br., 1, IX, 2°, 315; Am. J. Sci., 1, XLVIII, 222.	Electro-metallurgy.
	Weber	Arch. Elect., II, 661.	Electrolysis of water.
	Wollaston	Ann. Elect., IX, 518.	The same.
1843	Arago	C. R., XVI, 503.	Electro-metallurgy.
	Barratt	Br. Pat. Rep., 1843, 9786; Lond. J., XXIV, C. S., 24.	The same.
	Becquerel	C. R., XVII, 1, 53; A. c. p., 3, VIII, 402; Arch. Elect., III, 345; Ann. Elect., X 151.	Metallic oxides by electrol.
	"	C. R., XVII, 87, 837; Arch. Elect., III, 671.	Electro-metallurgy.
	Blackwell	Br. Pat. Rep., 1843, 9041; Rep. of Arts III, E. S., 363; Lond. J., XXVI, C. S., 16; Mech. Mag., XLII, 108.	Electro-metallurgy of Cu.
	Boquillon	C. R., XVII, 1198, 1263.	Discussion about electrol.
	De la Rive	Arch. Elect., III, 308; C. R., XVI, 1089.	Ozone by electrolysis.
	"	Arch. Elect., II, 175.	Electrolysis of alcohol.
	"	C. R., XVI, 881.	Heat in electrolysis.
	Dujardin	" XVII, 1200.	Electro-metallurgy.
	Hare	Phil. Mag., XXII, 460.	Electrolysis of salts.
	Hull	Br. Pat. Rep., 1843, 9917.	Elec. of fermented liquors.
	Hulot	C. R., XVII, 1309.	Electro-metallurgy.
	Mallet	Arch. Elect., III, 661.	Bodies preserved by electro-metallurgy.
	Mourey	C. R., XVII, 37.	Electro-metallurgy of Ag.
	"	Ann. d. M., 4, III, 579; C. R., XVI, 660.	Silver-plating.
	Paret	C. R., XIV, 1001.	Electrolysis by magneto-electricity.
	Pelouze	" XVI, 766.	Electro-metallurgy in photography.

1843	Poggendorff	Pogg., LXXVI, 586.	Electrol. of bismuth salts.
	Poole	Br. Pat. Rep., 1843, 9741; Rep. of Arts, III, E. S., 6; Lond. J., XXIV, C. S., 14; Mech. Mag., XL, 14.	Electro-metallurgy.
	Schönbein	Pogg., LIX. 240; Arch. Elect. III, 295.	Ozone by electrolysis.
1844	Becquerel	C. R., XVIII, 362; Arch. Elect., IV, 156, 224; Phil. Mag., 3, XXV, 73.	Electrolysis.
	"	A. c. p., 3, XI. 162. 257; Arch. Elect., IV, 557.	Electrolysis by terrestrial currents.
	"	C. R., XVIII, 197.	Metallic oxides by electrol.
	"	" XVIII, 449, 554, 715; Arch. Elect., IV, 520. 552.	Precipitation of metals.
	Bietz	Pogg., LXI, 209; Arch. Elect. IV, 276.	Electrolysis.
	"	Pogg., LXII, 234.	Passive iron.
	Boquillon	C. R., XIX, 440.	Electro-metallurgy.
	Christofle	" XIX, 405; Bull. Soc. l'Ind., XLIII, 193.	The same.
	Connel	Arch. Elect., IV, 265.	Electrolysis of salts.
	Damell	Phil. Trans., 1844; Phil. Mag., 4, XXIV, 463; XXV, 175, 246; Arch. Elect., IV, 289; Pogg., LXIV. 18.	Electrol. of binary compounds.
	De la Rive	Arch. Elect., IV, 454.	Ozone by electrolysis.
	Desbordeaux	C. R., XIX. 1450.	Silver-plating.
	Elkington	Arch. Elect., IV, 515.	Electro-metallurgy.
	Fontaine-moreau	Br. Pat. Rep., 1844, 10282.	Electro-met. of alloys.
	Joule	Phil. Mag., 3, XXIV, 106.	Intermittent currents in electrolysis.
	Hull	Dingl. J., XCIV, 388.	Electrolysis of wine.
	Kobell	Arch. Elect., IV, 584.	Electro-metallurgy.
	Levol	C. R., XVIII. 708. 837.	Precipitation of metals.
	Louyet	" XIX. 1180.	Zinc-plating.
	Martens	Pogg. LXI, 121.	Passive iron.
	Matteucci	A. c. p., 3, XII. 122.	Electrolysis.
	Napier	Phil. Mag., 3, XXV, 379.	Electrolysis of double cyanides.
	Nouailher	Bull. Soc. l'Ind., XLIII, 54; XLV, 298.	Electro-metallurgy.
	Schönbein	Arch. Elect., IV, 333.	Ozone by electrolysis.
	Smee	" IV, 643.	Theory of electrolysis.
1845	Avogadro	A. c. p., 3, XIV. 330; Mem. Acad. Sci. Turin, II, VIII.	Electro-chemical series.
	Becquerel	C. R., XX, 1509; Arch. Elect., V. 233.	Electrolysis by terrestrial currents.
	"	A. c. p., 3. XIII, 216.	Electrolysis.
	Bietz	Pogg., LXIII. 415.	Passive iron.
	Christofle	C. R., XXI, 1382.	Electro-metallurgy.
	Church	Br. Pat. Rep., 1845, 11010.	Electrolysis of coke.
	Dechaud	C. R., XX, 1659, 1712; XXI, 278; Bull. Soc. l'Ind., XLIV, 207, 271.	Extraction of Cu from minerals.
	De la Rive	C. R., XX, 1291.	Ozone by electrolysis.

1845	De la Rive	Arch. Elect., V, 345; Chem. Soc. Mem., II, 300; Phil. Mag., 3, XXVII, 15; Am. J. Sci., 1, XLIX, 390.	Structure of metals deposited by electrolysis.
	Desbordeaux	C. R., XX, 103, 248, 353; XXI, 162.	Silver-plating.
	Jacobi	Arch. Elect., V, 184.	Electro-metallurgy.
	Hunt	Chem. Soc. Mem., II, 319.	Actinic influence on electrolysis.
	Millon	Arch. Elect., V, 303.	Electrolysis of water.
	Napier	Chem. Soc. Mem., II, 158, 255; Arch. Elect., V, 159; Phil. Mag., XXVI, 211.	Decomposition of double cyanides.
	Normand	Br. d'Inv., II, 248.	Gilding on silver.
	Parkes	Br. Pat. Rep., 1845, 10860; Rep. of Arts, VII, E. S., 358.	Electro-metallurgy.
	Perrot	C. R., XXI, 1328.	The same.
	Philippe	Bull. Soc. l'Ind., XLIV, 218; XLVII, 711.	The same.
	Rivier	Arch. Elect., V, 24.	Ozone by electrolysis.
	Pouillet	C. R., XX, 1544.	Electrolysis.
	Roseleur	Br. d'Inv., V, 123.	Gilding.
	Ruolz	C. R., XXI, 1437.	Electro-metallurgy.
	Schönbein	Pogg., LXV, 161; Arch. Elect., V, 11, 337; Br. A. A. Sci., 1845, 91.	Ozone by electrolysis.
	Soyer	Bull. Soc. l'Ind., XLIV, 88.	Electro-metallurgy.
	Tourasse	C. R., XXI, 378.	Mirrors silvered by electrolysis.
	Williamson	Chem. Soc. Mem., II, 305; Phil. Mag., XXVII, 372; Arch. Elect., V, 188.	Ozone by electrolysis.
1846	Barral	C. R., XXIII, 35.	Electro-gilding.
	Becquerel	" XXII, 781; Dingl. J., CI, 267.	Electrolysis of minerals.
	Boch	Bull. Soc. l'Ind., XLV, 97.	Electro-metallurgy.
	Boquillon	C. R., XXIII, 855.	The same.
	Hankel	Pogg., LXIX, 263.	Electrolysis of salts.
	Howell	Br. Pat. Rep., 1846, 11065; Pat. J., I, 179.	Electro-metallurgy of Pt.
	Hulot	Bull. Soc. l'Ind., XLVI, 572.	Electro-metallurgy.
	Lemercier	Br. d'Inv., VI, 209.	The same.
	Matteucci	A. c. p., 3, XVI, 257.	Electro-chemical action.
	Napier	Phil. Mag., 3, XXIX, 92.	Theory of electrolysis.
	Perrot	C. R., XXIII, 767.	Electro-metallurgy.
	Paget	Br. Pat. Rep., 1846, 11448; Rep. of Arts, X, 83, E. S.; Lond. J., XXX. C. S., 417; Pat. J. II, 885; Eng. & Arch. J., X, 292.	The same.
	Ramont	Br. d'Inv., VII, 131.	Electro-metallurgy of Ag.
	Woilley	C. R., XXII, 924.	Electrotyping.
	Wood	Sci. Amer., XII, 142.	Electro-metallurgy.
	Barral	C. R., XXV, 556, 602, 760.	Priority in electro-gilding.

1847	Becquerel	C. R., XXIV, 505.	Electrolysis.
	Bouquillon	" XXV, 207.	Priority in electrotyping.
	Boutellier	Br. d'Inv., XI, 201.	Electro-metallurgy of Ag.
	Coblentz	C. R., XXV, 28.	Electro-plating.
	Crosse	Br. Pat. Rep., 1847, 11604.	Electrolysis of liquors.
	Delaurie	C. R., XXIV, 975.	Precipitation of metals.
	De la Salzede	Br. Pat. Rep., 1847, 11878; Rep. of Arts, XI, E. S., 293; Lond. J., XXXII, C. S., 260; Pat. J., IV, 505; Eng. & Arch. J., XI, 169.	Electro-metal. of bronze.
	Garson	C. R., XXIV, 466.	Applications of electrol.
	Grove	Am. J. Sci., 2, IV, 411.	Effect of area of electrolyte.
	Kolbe	Ann. Pharm., LXIV, 236.	Electrol. of organic bodies.
	Kroening	C. R., XXV, 818.	Silk gilded.
	Maas	Bull. Ac. Sci., Brus., XIV, 2, 10.	Passive iron.
	Osann	Pogg., LXXI, 458; LXXII, 468.	Ozone by electrolysis.
	Perrot	C. R., XXV, 347, 428.	Priority in electro-gilding.
	Rochas	" XXV, 312.	Electro-plating.
	Ruolz	" XXV, 555, 602.	Priority in electro-gilding.
	Sainte-Preure	" XXIV, 1158.	Electro-gilding.
	Santayra	Br. d'Inv., XII, 334.	Electro-metallurgy.
	Woilley	C. R., XXV, 17.	The same.
1848	Clement	Br. Pat. Rep., 1848, 12335.	Electrolysis of sugar.
	Junot	Br. d'Inv., XIII, 1.	Electro-gilding.
	Napier	Chem. Soc. Mem., III, 47.	Theory of electrolysis.
	Osann	Pogg., LXXV, 386.	Ozone by electrolysis.
	Poitevin	C. R., XXVI, 346.	Electro-metal. of bronze.
	Rivot	Bull. Soc. l'Ind., XLVII, 356.	Electrolysis of minerals of Cu.
	Woilley	C. R., XXVI, 506, 573.	Electro-metallurgy.
	?	Bull. Soc. l'Ind., XLVII, 260.	Electro-metal. of bronze.
1849	Becquerel	A. c. p., 3, XXVII, 5; J. pr. Chem., XLVIII, 193; C. R., XXVIII, 650; JB., 1849, 201.	Theory of electrolysis.
	Bonis	C. R., XXIX, 403.	Electrolysis.
	Fontaine-moreau	Br. Pat. Rep., 1849, 12523; Mech. Mag., LI, 284; Pat. J., IX, 55.	Electro-metal. of brass.
	Kolbe	Ann. Chem. Ph., LXIX, 257, 279; J. pr. Chem., XLII, 311; JB., 1847, 558; 1849, 335.	Electrolysis of organic bodies.
	Parkes	Br. Pat. Rep., 1849, 12334; Rep. of Arts, XIV. E. S., 361; Mech. Mag., LI, 309; Pat. J., VIII, 42.	Electro-metal. of alloys.
	Poggendorff	Arch. ph. nat., X, 133.	Electrolysis of bismuth.
	Poncil	Br. d'Inv., XIV, 213.	Gilding on zinc.

1849	Russell	Br. Pat. Rep., 1849, 12526; Rep. of Arts, XV, E. S., 163; Mech. Mag., LI, 285; Pat. J., IX, 70.	Electro-metallurgy of alloys.
	Schönbein	Pogg., LXXVIII, 289; Arch ph. nat., XIII, 192; JB., 1849, 201.	Theory of electrolysis.
	Smith	Br. Pat. Rep., 1849, 12654; Mech. Mag., LI, 571; Pat. J., VIII, 224.	Electro-metallurgy of Ag.
	?	Sci. Amer., V, 140.	Electrotyping.
1850	Avogadro	A. c. p., 3, XXIX, 248; Mem. Ac. Sci. Turin, 2, XI.	Electro-chemical series.
	Becquerel	C. R., XXXII, 83.	Electrolysis influenced by light.
	Brazier	Ann. Pharm., LXXV, 265; JB., 1850, 399.	Electrol. of organic acids.
	Lanaux	Br. d'Inv., XVI, 270.	Electro-metallurgy of Pt.
	Lefèvre	" XVIII, 313.	Electro-metallurgy.
	Matteucci	C. R., XXXII, 145.	Electrolysis of salts.
	Rosceleur	Br. Pat. Rep., 1850, 13020; Mech. Mag., LIII, 250; Pat. J., IX, 296.	Electro-metallurgy of Sn.
	Steele	Br. Pat. Rep., 1850, 13216; Mech. Mag., LIV, 134; Pat. J., X, 220.	Electro-metall. of alloys.
	Ward	Rev. Sci., XXXIX, 34.	Electro-metallurgy.
1851	Becquerel	A. c. p., 3, XXXII, 645.	Electrol. effected by light.
	"	C. R., XXXIV, 29.	Minerals by electrolysis.
	Bouillet	A. c. p., 3, XXXIV, 153; C. R., XXXIII, 613; XXXIV, 193, 282.	Electrolysis of double cyanides.
	Brooman	Br. Pat. Rep., 1851, 13845.	Electrolysis of organic matter.
	Carptier	Br. d'Inv., XXIV, 178.	Electro-metallurgy.
	Cowper	Br. Pat. Rep., 1851, 13513; Mech. Mag., LV, 158; Pat. J., XI, 279.	Gutta-percha in electrotyping.
	Delamotte	Br. d'Inv., XXXIV, 167.	Electro silvering.
	Delisle	" XV, 70.	Electro-metallurgy.
	Fremy and Becquerel	C. R., XXXIV, 379; A. c. p., 3, XXXV, 62; J. pr. Chem., LVI, 124; Ann. Pharm., LXXXIV, 204; Phil. Mag., 4, III, 543; J. Chem. Soc., V, 272.	Electrolysis.
	Knoblouet	Rev. Sci., XXIX, 368.	Electro-metallurgy.
	Matteucci	A. c. p., 3, XXXIV, 281; C. R., XXXIII, 663.	Electro-chemical combinations.
	Palmer	Br. Pat. Rep., 1851, 13726; Mech. Mag., LVI, 197.	Gelatine moulds in electrotyping.
	Ruolz	C. R., XXXIV, 248.	Electrolysis of double cyanides.
	Thompson	Phil. Mag., 4, II, 429.	Mechanical theory of electrolysis.

1851	Thomas	C. R., XXXIV, 556, 580; Chem. Gaz., 1852, 415.	Electro-silvering.
	Vigau	C. R., XXXIV, 734.	Electrolysis of water.
	Watt	Br. Pat. Rep., 1851, 13750.	Separation of metals.
1852	Almeida	C. R., XXXVIII, 682; Instit., 1854, 119; J. pr. Chem., LXII, 129.	Electrolysis of salts.
	Becquerel	C. R., XXXV, 129, 647; A. c. p., 4, XXXVII, 385; Arch. ph. nat., XXI, 227, JB., 1852, 6.	Electrolysis of hydrogen.
	Bell	Br. Pat. Rep., 1852, 14185; Rep. of Arts, 21, E. S., 32; Mech. Mag., LVIII, 18.	Electrolysis of $H_2 SO_4$.
	Bunsen	Ann. Pharm., LXXXII, 137; Pogg., XCII, 648; JB., 1852, 362.	Electrolysis of Mg.
	Despretz	C. R., XXXVIII, 897; Arch. ph. nat., XXVI, 138; JB., 1852, 258.	Electrolysis.
	Elkington	Sci. Amer., VIII, 402.	Electrotypes.
	Erckmann	Br. d'Inv., XXIV, 307.	Metals applied to fabrics.
	Foucault	Arch. ph. nat., XXV, 180; Instit., 1854, III; C. R., XXXVII, 580; Phil. Mag. 4, VII, 426; JB., 1852, 258.	Electrolysis.
	Gmelin	Ann. Pharm., LXXXII, 289; Pharm. Centrl., 1852, 385.	Electrolysis in analysis.
	Helle	Br. d'Inv., XXII, 334.	Electro-silvering.
	Hulot	C. R., XXXV, 867.	Electro-metallurgy.
	Jamin	" XXXVIII, 390, 443; Instit., 1854, 91; Arch. ph. nat., XXV, 275, 380; Phil. Mag., 4, VII, 526; JB., 1852, 257.	Electrolysis of water.
	Junot	Br. Pat. Rep., 1852, 1183.	Electro-metall. of Cr and Mg.
	Leblanc	C. R., XXXVIII, 444; Instit., 1854, 92; JB., 1852, 257.	Electrolysis of water.
	Lebas	Br. d'Inv., XXII, 288.	Gilding on iron.
	Morris	" XXVIII, 50; Br. Pat. Rep., 1852, 1032.	Electro-metallurgy.
	Paradis	Br. d'Inv., XXII, 306.	The same.
	Petrie	Br. Pat. Rep., 1852, 14346.	The same.
	Power	Br. d'Inv., XXIII, 221, 224.	Electro-metallurgy of Ag.
	Ridgway	Br. Pat. Rep., 1852, 14080; Mech. Mag., LVII, 374.	Electro-metallurgy.
	Roberts	Br. Pat. Rep., 1852, 14198.	Electrolysis of sugar.
	Roux	Br. d'Inv., XXIV, 222.	Electro-metallurgy.
	Soret	C. R., XXXIX, 504; Instit., 1854, 92 and 322; Arch. ph. nat., XXVIII; A. c. p., 3, XLII, 257; JB., 1852, 256.	Electrolysis of Cu salts.

1852	Soret	C. R., XXXVIII, 445; Arch. ph. nat., XXV, 175, 263; Phil. Mag., 4, VII, 459; J. pr. Chem., LXII, 40; JB., 1852, 257.	Electrolysis.
	Symonds	Br. Pat. Rep., 1852, 996.	Cleaning metal surfaces.
	Viard	A. c. p., 3, XXXVI, 129; Arch. ph. nat., XXI, 230.	Electrol. of oxygen.
	Wall	Br. Pat. Rep., 1852, 576.	Electrolysis of H_2SO_4.
	Watson	" " 575.	Pigments by electrolysis.
	Becquerel	A. c. p., 3, XXXIX, 48.	Electrolysis of gases.
1853	"	C. R., XXXVI, 209; Bibl. Univ., N. S., I, 155; JB., 1853, 8.	Electrolysis of minerals.
	Bishop	Br. d'Inv., XXIX, 132.	Electro-metallurgy of Cu.
	Bolley	Sci. Amer., IX, 96; Chem. Gaz., 1853; 354; Pharm. J. Trans., XII, 231.	Electro-plating.
	Buff	Ann. Pharm., LXXV, 1; Arch. ph. nat., XXII, 344; Chem. Soc. Q. J., IV, 47; Am. J. Sci., 2, XV, 426; J. B., 1854, 280.	Laws of electrolysis.
	Bussey	C. R., XXXVI, 540.	Electrol. of Si, Ti, Mg.
	Davy	Bibl. Univ., N. S., 1, 165;	Preservation of ship-sheathing.
	Delamotte	Br. d'Inv., XXIX, 181; XXXII, 321.	Silvering.
	De Medeiros	Br. Pat. Rep., 1853, 1789.	Preservation of ship-sheathing.
	Fremy and Becquerel	Quart. J. Sci., V, 272; J. Pharm., XXXI, 320.	Electrolysis.
	Gore	Pharm. J. Trans., XIII, 21	Electro-metallic deposition.
	Gourlier	Br. d'Inv., XXVII, 332.	Electro-metallurgy.
	Grove	Phil. Mag., 4, V, 201.	Electrolysis of salts.
	Guthrie	Arch. ph. nat., XXII, 371; Ann. Pharm., XCIX, 64; JB., 1853, 573.	Electrolysis of organic bodies.
	Hittorf	Pogg., LXXXIX, 177; JB., 1854, 279.	Electrolysis.
	Hulot	C. R., XXXVII, 409.	Electro-metallurgy.
	Kard	Phil. Mag., 4, VI, 241.	Electrolysis of water.
	Masse	Br. d'Inv., XXIX, 185.	Electro-silvering.
	Masson	" XXXIII, 144; Phil. Mag., 4, VI, 457.	Electro-metallurgy of Au.
	Muïs	Br. d'Inv., XXXI, 154.	Electro-metallurgy.
	Nickles	Arch. ph. nat., XXIV, 79; C. R., Aug., 1853.	Passive Ni and Co.
	Pershouse	Br. Pat. Rep., 1853, 2379.	Electro-metal. of alloys.
	Prax	Br. d'Inv., XXVIII, 412.	Electro-gilding.
	Shepard	Br. Pat. Rep., 1853, 1591.	Electrolysis of water.
	Tournière	" " " 1641.	Manufacture of Na_2CO_3.
	?	J. Fr. Inst., 3, XXVI, 137.	Electro-plating on china.
	?	Sci. Amer., IX, 21.	Electrotyping.

1854	Almeida	C. R., XXXVIII, 682; Arch. ph. nat., XXIX, 5; JB., 1855, 229.	Electrolysis of salts.
	Becquerel	C. R., XXXVIII, 1095; Chem. Gaz., 1854, 359; Arch. ph. nat., XXVI, 270; Dingl., J., CXXXIII, 213.	Electrolysis of minerals of Ag, Pb, Cu.
	"	C. R., XXXVIII, 757; Phil. Mag., 4, VIII; Am. J. Sci., 2, XVIII, 382.	Electrolysis in chemical action.
	Black	Dingl. J., CXXXII, 31.	Electrolysis.
	Bocquet	Br. d'Inv., XXXV, 293.	Electro-metallurgy of Cu.
	Boucher	" XL, 94.	" " " Zn.
	Buff	Ann. Pharm., LXXXV, 1; J. Chem. Soc., VI, 54.	Laws of electrolysis.
	"	Ann. Pharm., LXXXVIII, 117; Instit., 1854, 80; JB., 1854, 281.	The same.
	Bull	Arch. ph. nat., XXV, 65; Ann. Pharm., LXXXVII, 117.	Electrolytic researches.
	Bunsen	Pogg., XCI. 619; A. c. p., 3, XLI. 354; J. Pharm., 3, XXV; JB., 1854, 320.	Electrol. of Mn and Cu.
	"	C. R., XLI, 717; Pogg., XCII, 648; J. Pharm., 3, XXVI, 311; Dingl. J., CXXXIII, 273.	Electrolysis of the alkaline earths.
	Callan	Phil. Mag., 4, VII, 73; J. Fr. Inst., 3, XXVIII, 203, 336.	Electrolysis of water.
	Coblence	C. R., XXXIX, 846.	Electro-metallurgy.
	Connell	Phil. Mag., 4, VII, 426.	Electrolysis of water.
	Daniel	Pogg. LXIV, 18; JB., 1854, 278.	Electrolysis of salts.
	De la Rive	Arch. ph. nat., XXV, 275.	Electrolysis of water.
	Denny	Br. Pat. Rep., 1854, 478.	Electro-metallurgy of Cu.
	Dida	Br. d'Inv., XXXIX, 79.	" " " Zn.
	Dumas	C. R., XXXVIII, 444.	Electrolysis of water.
	Foucault	Arch. ph. nat., XXIV, 268; Instit., 1854, 36; JB., 1854, 281.	Electrolysis.
	"	C. R., XXXVII, 580; Instit., 1853, 349; JB., 1854, 281.	Theory of electrolysis.
	"	Arch. ph. nat., XXV, 180.	Electrolysis of water.
	Gervaisot	Br. d'Inv., XXXIV, 248.	Electro-metallurgy
	Gore	J. Fr. Inst., 3, XXVII, 353; J. Pharm., 3, XXV, 475.	Electrolysis of Al and Si.
	Gmelin	Pogg., XLIV, 27; JB., 1854, 278.	Electrolysis of salts.
	Harrison	Br. Pat. Rep., 1844, 1714.	Pigments by electrolysis.
	Jamin	C. R., XXXVIII, 390, 443; Phil. Mag., 4, VII, 298; Arch. ph. nat., XXV, 380.	Electrolysis of water.
	Johnson	Br. Pat. Rep., 1854, 1471.	Electro-metallurgy of Cu.
	Leblanc	C. R., XXXVIII, 444; Phil. Mag., 4, VIII, 237.	Electrolysis of water.

1854	Lenoir	Br. d'Inv., XXXVIII, 119; XXXIV, 340.	Electro-metallurgy.
	Marignac	A. c. p., 3, XXXVIII, 148; J. Chem. Soc., 1854, 260.	Heat in electrolysis.
	Matteucci	C. R., XXXIX, 258.	Electrol. in chem. action.
	Meideck	Br. d'Inv., XXXVIII, 186.	Electro-metallurgy.
	Meidinger	J. Chem. Soc., VII, 251.	Ozone in electrolysis. of H_2SO_4.
	Osann	J. de Pharm., XXVI, 68.	Electrolysis of oxygen.
	Peyraud	Br. d'Inv., XXXIII, 1.	Electro-silvering.
	Person	" XXXIV, 122.	Electro-metallurgy of Zn.
	Regnault	C. R., XXXIX, 847.	Gutta-percha in electro-typing.
	Soret	C. R., XXXIX, 504; A. c. p., 3, XLII, 257; Arch. ph. nat., XXVII, 113.	Electrolysis of Cu salts.
	"	Arch. ph. nat., XXV, 175, 263; Ann. Pharm., LXXXVIII, 57.	Electrolysis of water.
	Toussaint	Br. d'Inv., XXXVI, 324.	Electro-metallurgy.
	Van Breda	Phil. Mag., 4, VIII, 465.	Electrolysis of liquids.
	Vergnes and Poey	C. R., XL, 235, 832, 961; Arch. ph. nat., XXVIII, 208; Sci. Amer., XI, 251.	Extraction of metallic particles in the organism by electrolysis.
	Viard	A. c. p., 3, XLII, 5; Arch. ph. nat., XXVII, 308.	Electrolysis of oxygen.
	Wagstaffe	Br. Pat. Rep., 1854, 1653.	Electrolysis of ores.
	?	Arch. ph. nat., XXVI, 134.	Electrolysis of water.
1855	Becquerel	C. R., XL, 1344; A. c. p. 3, XLIV, 401; Arch. ph. nat., XXX, 70.	Electrolysis of liquids in motion.
	"	C. R., XLI, 733.	Electrolysis in the earth.
	Beetz	Pogg. XCIV, 194.	Electrolysis.
	Briant	Chem. Gaz., 1850, 153.	Electro-metallurgy.
	Bory	Br. d'Inv., XLVIII, 230.	Electro-gilding.
	Buff	Ann. Pharm., XCVI, 257; Arch. ph. nat., XXXI, 198; JB., 1853, 233.	Electrolysis of water.
	"	Ann. Pharm., XCIV, 1, 22; Arch. ph. nat., XXIX, 118; JB., 1855, 232.	Electrolysis of salts.
	"	Ann. Pharm., XCIII, 256.	Electrolysis of water.
	Canot	Br. d'Inv., XLVIII, 29.	Electro-gilding.
	Chaudron	" XLIX, 335.	Baths for electro-metall.
	Decq	" XLV, 259.	Electro-metallurgy of Ag.
	Deiss	" XLIV, 329.	Electro-metallurgy of Zn.
	Derinceuzi	C. R., XLI, 782, 1226.	Electrotyping.
	Elkington	Br. Pat. Rep., 1855, 1543.	Electro-metallurgy.
	Fremy	C. R., XL, 966; Chem. Gaz., 1855, 207.	Electrolysis of fluorides.
	Gaugain	C. R., Dec. 24, 1855.	Polarization of electrodes.
	Gedge	Br. Pat. Rep., 1855, 1956.	Electro-metallurgy.
	Gore	Pogg., XCV, 173; Phil. Mag., 4, IX, 73; J. Pharm., 3, XXVII, 283; JB., 1855, 382.	Electrolysis of Sb.

1855	Gore	Pharm. J., Trans., XIV, 464, 507; XV, 21, 59, 105, 154.	Rules of electro-metallurgy.
	Gueyton	C. R., XL., 1230.	Electro-metallurgy.
	Haltheisen	Ann. Pharm., XCIV, 107; JB,, 1855, 324.	Electrolysis of Li.
	Hulot	C. R., XLI, 156.	Electro-metallurgy.
	Johnson	Br. Pat. Rep., 1855, 18.	Electro-metallurgy of Cu.
	Jewreinoff	Chem. Gaz., 1855, 458.	Electro-metallurgy of Pt.
	Landois	C. R., XLI, 178; Br. d'Inv., XLVIII, 238.	Electro-gilding.
	Lesieur	Br. d'Inv., XLII, 312.	Electrotyping.
	Matthiessen	J. Chem. Soc., VIII, 27; Ann. Pharm., XCIII, 277; A. c. p., 3, XLIV, 60, 401; J. Pharm., 3, XXVII, 475; Chem. Gaz., 1855, 232; J. pr. Chem., LXIV, 508; Chem. Soc. Q. J., VIII, 294; JB., 1855, 323.	Electrolysis of the alkaline metals.
	Osann	Pogg., XCV, 311.	Electrolysis of hydrogen.
	Oudry	Br. d'Inv., LII, 356.	Electro-metallurgy.
	Pilloy	" XLV, 252.	Electro-metallurgy of Cu.
	Petiejean	" XLIX, 340.	Electro silvering on glass.
	Rigondeau	" XLVIII, 225.	Electro-gilding
	Riemann	Pogg., XCV, 130.	Theory of Nobili's rings.
	Sorel	Phil. Mag., 4, X, 210; Arch. ph. nat., XXIX, 265; C. R., XLI, 220.	Laws of electrolysis.
	Souchier	Br. d'Inv., XLIV, 301.	Electro-metallurgy.
	Schönbein	J. pr. Chem., LXV, 129.	Electrolysis.
	Tailler	Br. d'Inv., XLVII, 221.	Electro-metallurgy.
	Taylor	Br. Pat. Rep., 1855, 1997.	Electro-metallurgy of Al.
	Thomas	" " 1855, 253; 2756.	Electro-metal. of alloys.
	Vannier	Br. d'Inv., XLIII, 265.	Electro-gilding.
	Watt	Br. Pat. Rep., 1855, 272.	Electro-metallurgy of Zn.
1856	Andrews	Rep. Br. Assoc., 1855; Pogg., XCIX, 493; Instit., 1856, 369; A. c. p., 3, L, 124; JB., 1856, 244.	Electrolysis of water.
	Becquerel	C. R., XLII, 621.	Electro-metallurgy.
	"	Arch. ph. nat., XXXV, 231; C. R., XLIII, 1101.	Electrolysis with weak currents.
	Beetz	Pogg., XCVII.	Theory of Nobili's rings.
	Beslay	C. R., XLIII, 657, 853.	Autotypes.
	Buff	Ann. Ch. Pharm., CI, 1; Arch. ph. nat., XXXIV, 204; JB., 1856, 244.	Electrol. of chromic acid.
	Burel	Br. Pat. Rep., 1856, 734.	Manuf. of Prussian blue.
	Calvert	" " 1856, 3.	Electrolysis of ores.
	Cowper	" " 1856, 2992.	Electro-metallurgy of Cu.
	Chailley	Br. d'Inv., LVII, 435.	Electro-gilding.
	De la Rive	Pogg. XCIX, 626; C. R., XLII, 710.	Electrolysis of water.

1856	Delmas	Br. d'Inv., LIV, 394.	Electro-metal. of gold.
	Despretz	C. R., XLII, 707.	Electrolysis of water.
	Dufresne	Br. d'Inv., LV, 141.	Electro-gilding and silvering.
	Gaensly	" LVII, 428.	Electro-gilding.
	George	C. R., XLIII, 20.	Electro-metallurgy.
	Geuther	Ann. Pharm., XCIX, 314; Arch. ph. nat., XXXIII, 228; JB., 1856, 243.	Electrol. of chromic acid.
	Gore	J. Pharm., 3, XXIX, 363; Pharm. J. Trans., XV, 357.	Electrolysis of Fe and Sn.
	Guérin	C. R., XLIII, 808; Arch. ph. nat., XXXIV, 232.	Electro-gilding.
	Gueyton	C. R., XLII, 492, 511.	Electro-metallurgy.
	Guthrie	Ann. Pharm., XCIX, 64.	Electrolytic experiments.
	Hamel	Br. d'Inv., LV, 62.	Electro-metallurgy.
	Hittorf	Pogg. XCVIII, 1, 177.	Analysis by electrolysis.
	Kolrausch	Pogg., XCVII, 397, 559; JB., 1856, 239.	Measure of electrolytic force.
	Lautépin	Br. d'Inv., LVI, 84.	Silvering on wood.
	Lenoir	C. R., XLII, 415, 476, 618; Arch. ph. nat., XXXII, 219.	Electro-metallurgy.
	Magnus	Berl. Acad. Ber., 1856, 188; C. C., 1856, 338; J. pr. Chem., LXVIII, 54; Phil. Mag., 4, XII, 157; Arch. ph. nat., XXXII, 327; JB., 1856, 239.	Electrolytic investigations.
	Osann	J. pr. Chem., LXVI, 253; Pogg. XCVI, 498; XCVII, 327; Arch. ph. nat., XXXI, 342.	Gypsum moulds in electrotyping.
	Oudry	Br. d'Inv., LIV, 219; C. R. XLII, 1144, 1174; XLIII, 42, 110.	Electro-metallurgy of Fe.
	Regnault	C. R., XLVI, 852.	Electrolysis of Mg.
	Schönbein	Pharm. J. Trans., XV, 513.	Heat and electrolysis.
	Sorel	A. c. p., 3, XLV, 11, 119.	Electrolysis of water.
	Soret	Arch. ph. nat., XXXI, 204.	The same.
	Van Breda	Arch. ph. nat., XXXIII, 5; Pogg., C, 149; JB., 1856, 239.	Electrolysis.
	Wiedemann	Pogg., XCIX, 177; Arch. ph. nat., XXXIII, 177.	Electrolysis of salts.
	Willigen	Pogg., XCVIII, 511; A. c. p., L, 126.	Ozone by electrolysis.
	?	J. pr. Chem., LXVII, 173.	Electrolysis of water.
	?	J. Fr. Inst., 3, XXXI, 412.	Photo-galvanic process.
	?	" 3, XXXI, 115.	Electro-chem. engraving.
1857	Almeida	A. c. p., 3, LI, 257.	Electrolysis of salts.
	Baumert	Ann. Pharm., CI, 88.	Ozone by electrolysis.
	Becker	Br. Pat. Rep., 1857, 1274.	Silvering organic bodies.
	Becquerel	C. R., XLIV, 938.	Electrolysis with weak currents.

1857	Berlin	C. R., XLIV, 1273 ; XLV, 82.	Platinum electrodes.
	Bosscha	Pogg., CI, 517; CIII, 487; CV, 396 ; A. c. p., 3, LXV, 367; Arch. ph. nat. [N. P.] 1, 361.	Mechanical theory of electrolysis.
	Breda	Pogg. XCIX, 634.	Electrolysis of water.
	Carpentier	Br. d'Inv., XXXIV, 407.	Electro-metallurgy.
	Clausius	Pogg., CI, 338.	Condition of electrolytes.
	Coulson	Br. Pat. Rep., 1857, 2074.	Electro-metal. of Au.
	Cowper	" " 1857, 1180.	Electro-metallurgy.
	Despretz	C. R., XLV, 449.	Electrolysis of Pb. salts.
	"	" XLIV, 1009; Phil. Mag., 4, XIV, 75.	Electrolysis.
	Dupré	Arch. ph. nat., XXXV, 98.	Electrolysis of salts.
	Garnier	Br. d'Inv., LXI, 174.	Electro-metallurgy.
	Geuthier	Am. J. Sci., 2, XXVIII, 281.	Electrolysis of waters.
	Gorde	Br. P. Rep., 1857, 887.	Electro-metal. of alloys.
	Hittorf	Pogg., CIII, 1 ; JB., 1857, 27.	Analysis by electrolysis.
	Kobell	J. pr. Chem., LXXI, 146 ; Chem. Gaz., 1857, 437.	Electrol. of chromic acid.
	Magnus	Pogg., CII, 1; Ann. Pharm., 3, LII, 345; Arch. ph. nat., XXXVI, 350 ; Cimento, VII, 56; C. C., 1857, 954; JB., 1857, 53; Am. J. Sci., 2, XXV, 98; A. c. p., CI, 212.	Electrolysis of salts.
	Miller	Br. A. A. Sci., 1851, 158.	Researches in electrolysis.
	Moigno	Edinb. N. Phil. J., N. S., VI, 306.	Electrotypes.
	Newly	Br. Pat. Rep., 1857, 3115.	Electro-metallurgy of Sn.
	Noualhier	" " 1857, 5.	Electro-metallurgy.
	Palagi	Br. d'Inv., LXIII, 219.	Gilding on wood.
	Pelt	Chem. Gaz., 1857, 220.	Shellac moulds in electrotyping.
	Schlagdenhauffen	J. Pharm., 3, XXXI, 410 ; JB., 1857, 57.	Electrolysis of salts.
	Sinsteden	Pogg., CI, 1.	Electrolysis by magneto-electricity.
	Walenn	Br. Pat. Rep., 1857, 1840.	Electro-metall. of alloys.
1858	Beslay	Br. d'Inv., LXVIII, 264 ; Br. Pat. Rep., 1859, 103.	" of Zn, Sn, Pb.
	Böttger	Pogg., CIV, 292 ; J. pr. Chem., LXXIII, 484; Repert. Chim., I, 56.	Electrolysis of Sb.
	"	J. pr. Chem., LXXIII, 494.	H NO_3 by electrolysis.
	Brionde	Br. d'Inv., LXVI, 206.	Gilding on zinc.
	Buff	Ann. Pharm., CV, 145 ; A. c. p., 3, LIX, 117.	A study of electrolytes.
	"	Ann. Pharm., CVI, 203.	Movements in the electrolyte.
	Clausius	Pogg. CIII, 525; Phil. Mag., 4, XIV, 94; JB., 1858, 27.	Electrolysis.

1858	Corbelli	Br. Pat. Rep., 1858, 507.	Electro-metallurgy of Al.
	Fonvielle	C. R., XLVII, 149.	Electrolysis of water.
	Gore	Phil. Mag., 4, XVI, 441; JB., 1858, 177.	" of Sb.
	Grove	Phil. Mag., 4, XVI, 426.	Light and electrolysis.
	Jacquin	Br. P. Rep., 1856, 667.	Electro-metallurgy of Fe.
	Kérikuff	C. R., XLVII, 334.	Electrolysis of alkaline solutions.
	Liebig	Br. d'Inv., LXVI, 405.	Electro-plating on glass.
	Linnemann	J. pr. Chem., LXXIII, 415; JB., 1858, 116.	Electrolysis of K.
	Magnus	Pogg., CIV, 553.	Indirect electrolytic action
	Munro	Br. d'Inv., LXIX, 445.	Electro-metallurgy of Sn.
	Nezeraux	" LXVI, 206.	Electro-metallurgy.
	Osann	Pogg., CIII, 616; C. C., 1858, 145; JB., 1858, 25.	Electrolysis of salts.
	Perrot	C. R., XLVI, 180; XLVII, 351; Arch. ph. nat., [N. P.], I, 278.	Effect of electric spark on alcohol and water vapor.
	Quit	C. R., XLVI, 903; Arch. ph. nat., [N. P.], II, 262.	Electrolysis of gases by the spark.
	Regnault	Arch. ph. nat., [N. P.], II, 160; C. R., XLVI, 852.	Electro-chemical equivalent of Mg.
	Riche	C. R., XLVI, 348; Phil. Mag., 4, XV, 328.	Electrolysis of Br, Cl, I.
	Shepard	Br. Pat. Rep., 1858, 353.	Electro-metallurgy of Ag.
	Weiske	Pogg., CIII, 466; JB., 1858, 27.	Chlorine by electrolysis.
	Wiedemann	Pogg. CIV, 162; JB., 1858, 27.	Electrolysis.
	Wiedemann	Pogg., XCIX, 177; A. c. p., 3, LII, 224.	Motion of liquids in electrolysis.
	Wild	Pogg. CIII, 254; Arch. ph. nat., [N. P.], II, 378.	Electrolysis of concentrated solutions.
	Wittich	J. pr. Chem., LXXIII, 18; JB., 1858, 541.	Electrol. of organic bodies.
	?	Sci. Amer., XIV, 4.	Electrolysis.
1859	Barre	Br. d'Inv., LXXIII, 182.	Decoration by electro-metallurgy.
	Becquerel	Mem. de l'Ac., XXVII, 2°.	Electrolysis by weak currents.
	Brewster	JB., 1859, 86.	Electrol. of organic acids.
	Bosscha	Pogg., CVIII, 312.	Heat in electrolysis.
	"	Pogg., CV, 396; Arch. ph. nat. [N. P.], VII, 137.	Mechanical theory of electrolysis.
	Bradbury	J. Fr. Inst., 3, XXXVII, 344.	Electro-metallurgy of Zn.
	Buff	Ann. Pharm., CX, 257; C. C., 1859, 686; Phil. Mag., 4, XVIII, 394; A. c. p., 3, LIX, 120; JB., 1859, 35; Chem. News, II, 23; Arch. ph. nat. [N. P.], IX, 134.	Electrolysis of the higher compounds.
	Clausius	Arch. ph. nat. [N. P.], IV, 242.	Study of electrolytes.

1859	Friedel	Ann. Pharm., CXII, 376.	Electrolysis of water.
	Geuther	" CIX, 129; JB. 1859, 82; Chem. Gaz., 1859, 285; Arch. ph. nat. [N. P.], V, 72.	" of H_2SO_4.
	Hittorf	Pogg., CVI, 337, 513.	Electrolysis.
	Meydinger	J. Pharm., 3, XXXVI, 76.	Electro-metallurgy.
	Morren	C. R., XLVIII, 342.	Electrolysis of gases.
	Newton	Br. Pat. Rep., 1859, 1045.	Nitric acid by electrol.
	Perrot	C. R., XLIX, 37; Arch. ph. nat. [N. P.], IV, 186; V, 267; Phil. Mag., Dec., 1858.	Electrodes in sulphate of copper voltameters.
	"	C. R., XLIX, 204; Arch. ph. nat. [N. P.], VI, 66.	Electrolysis by the spark.
	Schmidt	Pogg., CVII, 556.	Electrolysis of H_2SO_4.
	Schönbein	J. pr. Chem., LXXVIII, 63; Pogg. Ann., CVIII, 471; A. c. p., LVIII, 484.	Polarization of oxygen during electrolysis.
	Wiedemann	Pogg., XCIX, 231.	Electrol. of binary salts.
	?	J. Fr. Inst., 3, XXXVIII, 124.	Durability of electrotypes.
	?	J. Fr. Inst., 3, XXXVII, 344.	Electro-metallurgy of Zn.
	?	Sci. Amer., 2, I, 275.	Electrotyping by lightning.
	?	Rep. Chim. App., I, 419.	Gutta-percha in electrotyping.
1860	Almeida	C. R., LI, 214; Chem. News, II, 144.	Electrolysis of a mixture of H NO_3 and alcohol.
	Bethnoud	U. S. Pat. Rep., 1860, 30663.	Electro-metall. of alloys.
	Buff	Arch. ph. nat. [N. P.], IX, 107.	Electrolytic studies.
	Coleman	Chem. News, I, 242.	" apparatus.
	E. G.	" I, 204, 216.	Electrol. of nitrogen compounds.
	Gore	Phil. Mag., 4, XXII, 555; Arch. ph. nat. [N. P.], VIII, 323.	Musical sounds by electrolysis.
	Grove	Phil. Mag., 4, XX, 126; A. c. p., 3, LXI, 156; Arch. ph. nat. [N. P.], VIII, 330.	Transmission of electrolysis across glass.
	Hoffmann	J. Chem. Soc., XII, 273.	Electrolysis of gases.
	Hughes	Br. Pat. Rep., 1860, 1385.	Electro-metall. of alloys.
	Kolbe	Ann. Pharm., CXIII, 244; JB., 1860, 245.	Electrolysis of organic bodies.
	Lerret	C. R., L, 560.	Electro-metallurgy.
	Person	Chem. News, II, 275.	Electro-metallurgy of Zn.
	Perrot	Arch. ph. nat. [N. P.], XI, 232; A. c. p., 3, LXI, 161.	Electrolysis by the induction spark.
	Piffard	Chem. News, II, 323; Sci. Amer., 2, V, 200.	Electrotyping.
	Saint-Victor	C. R., L, 440.	Electrol. of Au and Ag.
	Smee	Chem. News, I, 31.	Detection of As.
	Spigerel	Br. d'Inv., LXXVIII, 271.	Electro-silvering.

1860	Wright	Phil. Mag., 4, XIX, 129.	Mercury as an electrode.
1861	Abel	Br. Pat. Rep., 1861, 1792.	Electro-metallurgy of Ni.
	Andrews	J. Chem. Soc., XIII, 344.	Electrolysis of oxygen.
	Becquerel	C. R., LIII, 1196; JB., 1861, 203.	Hydrates of Si and Al by electrolysis.
	"	Chem. News, IV, 5.	Coloring iron by electrol.
	Bell	Br. Pat. Rep., 1861, 1214.	Electro-metallurgy of Al.
	Bloxam	J. Chem. Soc., XIII, 12.	Detection of As and Sb.
	Brooman	Br. Pat. Rep., 1861, 2023.	Electro-metallurgy of Au.
	Gerardin	C. R., LIII, 727; JB., 1861, 51.	Electrolysis of alloys.
	Lapschin and Tichanowitsch	Peters. Acad. Bull. [N. S.], IV, 81; C. C., 1861, 613; Phil. Mag., 4, XXII, 308; J. Pharm., 3, XLI, 95; JB., 1861, 50.	Electrolysis with large batteries.
	Marié	C. R., LIII, 1058.	Electrol. of alkaline salts.
	Piffard	Chem. News, IV, 110.	Electro-metallurgy.
	Plauté	C. R., L, 393.	Electrolysis.
	Von Liebig	U. S. Pat. Rep., 1861, 33721.	Electro-metallurgy of Cu.
	Wake	Chem. News, III, 365.	Electro-metallurgy.
	?	Sci. Amer., 2, V, 361.	Electro-plating.
	?	J. Fr. Inst., 3, XLII, 330.	Coloring iron by electrol.
	?	Sci. Amer., 2, V, 342.	Electro-plating iron.
1862	Becquerel	C. R., LV, 18; Instit., 1862, 221; Arch. ph. nat. [N. P], XV, 59; Rep. ch. pure, IV, 321; C. C., 1862, 772; J. pr. Chem., LXXXVI, 503; Ann. Pharm., CXXIV, 311; Dingl. J., CLXV, 373; Zeitschr. Chem. Pharm., 1862, 478; JB., 1862, 34; Chem. News, VI, 126.	Electrolysis by weak currents.
	Beetz	Pogg., CXVII, 17.	Electrolysis of H_2SO_4.
	Beslay	U. S. Pat. Rep., 1862, 36750.	Electro-metallurgy.
	Dickson	Br. Pat. Rep., 1862, 2044, 2266.	Manuf. of Na_2CO_3.
	Garnside	Dingl. J, CLXVI, 309.	Electrotyping.
	Gore	JB., 1862, 162.	Electrolysis of Sb.
	"	Proc. Roy. Soc., 1862; Phil. Mag., 4, XXIV, 461; Arch. ph. nat. [N. P.], XV, 64.	Sound by electrolysis.
	Miller	U. S. Pat. Rep., 1862, 34640.	Electro-plating wires.
	Quincke	Arch. ph. nat. [N. P], XIII, 185.	Electrolysis.
	Walcott	U. S. Pat. Rep., 1862, 34470.	Electro-metallurgy of Cu.
1863	Abel	J. Chem. Soc., XVI, 235; Chem. News, VIII, 18.	Electrolytic action.
	Baeyer	Ann. Pharm., CXXVII, 38.	Ozone by electrolysis.
	Becquerel	C. R., LVI, 237; Instit., 1863, 41; Ann. Pharm., CXXVI, 298; C. C., 1863, 525; JB., 1863, 115; Chem. News, VII, 219.	Electrolysis of insoluble compounds.
	Bonsfield	Chem. News, VII, 69.	Electro-metallurgy.

1863	Dircks	Chem News, VII. 105.	History of electro-metall.
	Gore	Phil. Mag., 4, XXV, 479; JB., 1863, 232; J. Chem. Soc., XVI, 365; Chem. News, VIII, 257. 281.	Electrolysis of Sb.
	Gerardin	C. R., LIII, 727; Instit., 1861, 378; Rep. chim. pure, IV. 49; JB., 1863, 52.	Electrolysis of K and Na.
	Kirchner	C. C., 1863, 837; JB., 1863, 502.	Electrolysis of glycerine.
	Lovel	C. R., LVI, 390.	Ozone by electrolysis.
	Moigno	Br. A. A. Sci., 1863, 20.	Electro-metallurgy of Cu.
	Perrot	A. c. p., 3. LXI, 161; Arch. ph. nat. [N. P.]. XI. 232; JB., 1863, 52.	Electrolysis by the induction spark.
	Soret	C. R., LIV, 390; Bibl. Univers., XVI; J. pr. Chem., XC, 216; Ann. Pharm., CXXVII, 38; Pogg., CXVIII. 623; Roma. Atti, XVI, 638; Phil. Mag., 4, XXV, 208; Chem. News, VII. 248; Arch. ph. nat. [N. P.], XVI, 208.	Ozone by electrolysis.
	Werther	J. pr. Chem., LXXXVIII, 151; JB., 1863, 502.	Electrolysis of glycerine.
1864	Becquerel	C. R., LIX, 521.	Electro-chem. equivalents.
	Edmé	Chem. News, X, 91.	Electrolysis of oxygen.
	Jaillard	Ann. Pharm., CXXXII, 360; C. R., LVIII, 1203.	Electrolysis of alcohols.
	Kekulé	Ann. Pharm., CXXXI, 80; JB., 1864, 374; Bull. Soc. Chim., I. 242.	Electrol. of organic bodies.
	Martin	C. R., LVIII, 108.	Theory of electrolysis.
	Moore	Br. Pat. Rep., 1864, 2029.	Electro-metallurgy of Au.
	Raoult	C. R., LIX, 521; A. c. p., 4, IV. 417; Phil. Mag., 4, XXVIII, 551; JB., 1864, 116.	Heat and electrolysis.
	Soret	Arch. ph. nat. [N. P.], XX. 324; C. R., LIX, 485; Instit, 1864, 316; Phil. Mag., 4, XXVIII, 563; A. c. p., 4, III, 504; JB., 1864, 116.	Electrolysis of gases.
	Thompson	Br. Pat. Rep., 1864, 3095.	Electro-metallurgy of Pt.
	Weil	" " 1864, 497; A. c. p., 4, IV, 374; C. R., Nov., 1864; Quart. J. Sci., 1, II, 130; Bull. Soc. Chim., II. 472.	New process of electro-metallurgy.
	?	Dingl. J., CLXXII. 433.	Electrolysis.
	?	J. Fr. Inst., 3. XLVII. 261.	Curious electrolytic action.
1865	Berlandt	Arch. Pharm., CXXI, 54; Phil. Mag., 4. XXX. 451.	A new electrolytic process.
	Buff	Ann. Pharm., XCIV, 15.	Electrolysis of Ag Cl.

1865	Canderan	Dingl. J., CLXXV, 134; CLXXVIII, 204.	Electrolysis.
	Gibbs	Bull. Soc. Chim., VI, 126; Am. J. Sci., 2, XXXIX, 64.	Analysis of Cu and Ni.
	Hittorf	Pogg., CXXVI, 195; Phil. Mag., 4, XLVIII, 240.	Electrolysis of P.
	Martin	C. R., LX, 777, 956; Quart. J. Sci., 1, II, 50.	Theory of electrolysis.
	Reid	Chem. News, XII, 242; JB., 1865, 243.	Electrolysis of Th.
	Renault	Bull. Soc. Chim., IV, 119.	Analysis of alloys.
	Smith	Sci. Amer., 2, XIII, 404.	Electro-plating of steel springs.
	Thompson	Br. Pat. Rep., 1865, 2592.	Electro-metallurgy of Fe.
	Ullik	Wien. Akad. Ber., LII, 2°, 115; JB., 1865, 186.	Electrolysis of Si.
	Viollet	B. Soc. l'Ind., 2, XII, 447, 753.	Electro-metallurgy of Cu.
	Well	Sci. Amer., 2, XII, 182.	Electro-plating.
	Zaliwski	C. R., LXI, 945.	Electrolysis.
	?	Pogg., CXXIV, 75.	Electrol. of organic bodies.
	?	" CXXV, 57.	Electrolysis.
	?	Chem. News, XII, 3; Cosmos, 2, I, 595.	Metalloids by electrolysis.
	?	Chem. News, XI, 60.	Electro-metallurgy.
1866	Brewster	Bull. Soc. Chim., VIII, 23; Arch. Neer. Sci. Ex., I, 296.	Electrolysis.
	Bouilhet	B. Soc. l'Ind., 2, XIII, 207.	Electro-metallurgy.
	Bourgoin	A. c. p., 4, XIV, 157; Chem. News, XVI, 313; C. R., LXV, 892, 998, 1144; JB., 1867, 381.	Electrol. of organic bodies.
	Brewster	JB., 1866, 87.	The same.
	Brooman	Br. Pat. Rep., 1866, 3047.	Electro-metal. of bronze.
	Christofle	B. Soc. l'Ind., 2, XIII, 389.	Electro-metallurgy.
	Heeren	Sci. Amer., 2, XIV, 357.	Electrotyping.
	Lean	Quart. J. Sci., 1, III, 300.	Electrolysis of CO_2.
	Leu	Bull. Soc. Chim., VI, 96.	Gelatine in electro-metall.
	Planté	C. R., LXIII, 181.	Ozone by electrolysis.
	St. Edne	J. pr. Chem., XCIV, 507.	The same.
	?	Pogg., CXXVII, 45.	Electrodes of Al and Mg.
1867	Balsamo	C. R., LXV, 613.	Electro-metallurgy.
	Bartlett	Chem. News, XVI, 257.	Experiments in electrol.
	Becquerel	C. R., LXIV, 919, 1211; LXV, 51, 720, 752; Instit., 1867, 155, 193, 353; Zeitsch. Chem., 1867, 374, 455, 515; Arch. ph, nat. [N. P.], XXIX, 55; J. Pharm., 4, VI, 129; JB., 1867, 111.	Electro-capillarity in electrolysis.
	Bouilhet	B. Soc. l'Ind., 2, XIV, 377, 409.	Electro-gilding.

1867	Buff	Chem. News, XV, 279; Ann. Pharm., Sup. IV, 257; JB., 1866, 83.	Electrolysis of alkaline sulphates.
	Feuquieres	B. Soc. l'Ind., 2, XIV, 539.	Electro-metallurgy of Sn.
	Gaugain	C. R., LXIX, 1300; Instit., 1869, 401; JB., 1867, 147; Quart. J. Sci., 1, V, 116; Phil. Mag., 4, XXXIV, 553; Chem. News, XVI, 156.	Polarization of electrodes.
	Hoffmann	Pogg., CXXXII, 607; Bull. Soc. Chim., X, 228.	Electrolysis of water.
	Lecoq	Bull. Soc. Chim., VII, 468.	Analysis of Cu and Ni.
	"	" " XI, 35.	Separation of Fe and Cu.
	Levison	Am. J. Min., 1867, June 15, July 20.	Electrolytic action of Na amalgam in the extraction of gold.
	Matteucci	C. R., Jan., 1867; Quart. J. Sci., 1, V, 116.	Polarization of electrodes.
	Paalzow	Berl. Monatsber., 1868, 490.	Electrolysis of salts.
	Planté	Chem. News, XVI, 243.	Lead electrodes.
	Renault	A. c. p., 4, XI, 137; JB., 1867, 115.	Electrolysis of gases.
	Salet	Laborat, 1867, 248; JB., 1867, 117.	Laws of electrolysis.
	?	Sci. Amer., 2, XVI, 214.	Electro-metallurgy.
	?	J. Fr. Inst., 3, LIV, 202.	Electro-metal. of bronze.
1868	Becquerel	C. R., LXVI, 77, 245, 766, 1066; Instit., 1868, 50, 131, 177; Arch. ph. nat. [N. P.], XXXIII, 31; Phil. Mag., 4, XXXVI, 437; JB., 1868, 82.	Electro-capillarity and electrolysis.
	"	C. R., LXVII, 1081; Instit., 1868, 386; Zeitsch. Chem., 1869, 134; JB., 1868, 87.	Silicates by electrolysis.
	Balsamo	Bull. Soc. Chim., IX, 250.	Electro-metallurgy of Fe.
	Bloxam	Chem. News, XIX, 289; JB., 1868, 151.	Electrolysis of nitre.
	Bourgoin	Bull. Soc. Chim., X, 206; D. C. Ges., II, 563; C. R., LXVII, 94.	Electrolysis of water.
	"	Bull. Soc. Chim., 2, XII, 438; X, 3, 209; IX, 427, 301, 431, 34; Quart. J. Sci., 1, VI, 266; J. Pharm., 4, XI, 10; D. C. Ges., 1869, 659; JB., 1869, 152; A. c. p., 4, XIV, 157, 430; Chem. News, XVI, 38.	Electrolysis of organic bodies.
	Corson	Sci. Amer., 2, XVIII, 363.	Separation of gold.
	Darling	J. Chem. Soc., XXI, 502.	Elect of alkaline acetates.
	Dumas	B. Soc. l'Ind., 2, XV, 383.	Electro-metallurgy.
	Farre	C. R., LXVI, 252, 470, 1231; LXVII, 1012; Pogg.,	Heat and electrolysis.

1868		CXXXV, 300; Phil. Mag., 4, XXXV, 289; XXXVIII 310; JB., 1868, 91.	
	Feuquieres	B. Soc. l'Ind., 2, XV, 278.	Fe and Sn by electrolysis.
	Gates	U. S. Pat. Rep., 1868, 80402.	Electro-plating.
	Jacobi	Bull. Soc. S. Peters., XII, 563.	Electro-metallurgy.
	Klein	B. Soc. l'Ind., 2, XV, 286; Chem. News, XVII, 133; Bull. Soc. Chim. 2, XI, 428.	Electro-deposition of Fe.
	Knoss	Bull. Soc. Chim., 2, IX, 416; Sci. Amer., 2, XX, 184.	Electro-metallurgy.
	Kolbe	J. Chem. Soc., XXI, 195.	Electrol. of acetic acid.
	Lisenko	Zeitschr. Chem., 1868, 282; Jahresb., 1868, 91.	Electrolysis of gases.
	Raoult	C. R., LXIX, 823; JB., 1868, 49.	Electrolysis of salts.
	"	C. R., LXVI, 353; LXVI, 950, 1006; JB., 1868, 93.	Heat and electrolysis.
	Remington	U. S. Pat. Rep., 1868, 82877.	Electro-metallurgy of Ni.
	Rundspaden	Ann. Pharm., CLI, 306; JB., 1868, 150.	H_2O_2 by electrol. of H_2O.
	Tyndall	Am. J. Sci., 2, XLV, 34; XLVI, 180.	Faraday as a discoverer.
	Walenn	Chem. News, XVI, 170.	Electro-metallurgy of Fe.
	Warburg	Pogg., CXXXV, 114; JB., 1868, 93.	Electrolysis of H_2SO_4.
	Wilde	Phil. Mag., 4, XXXVI, 81.	Laws of electrolysis.
	Weith	Bull. Soc. Chim., X, 121.	Electrol. of nitro-prussides.
	Wöhler	Ann. Pharm., CXLVI, 263, 375; JB., 1868, 192; Chem. News, XVIII, 189.	Oxidation by electrolysis.
	Woodworth	U. S. Pat. Rep., 1868, 84243.	Electro-plating.
	Wright	" " 1868, 79427.	The same.
	Zaliwski	C. R., LXVI, 1106.	Voltametric decomposition.
	?	Sci. Amer., 2, XVIII, 377.	Paper silvered.
	?	Pogg., CXXXV, 124.	Electrolysis by the spark.
	?	" " 293.	Electrolysis.
	?	" " 115.	Electrolysis at high temperatures.
	?	J. Fr. Inst., 3, LV, 368.	Electro-bronzing.
1869	Adams	U. S. Pat. Rep., 1869, 90332.	Electro-metallurgy of Ni.
	Becquerel	C. R., LXVIII, 1285.	Electrol. of organic bodies.
	Berthelot	J. Pharm., 4, II, 200; Bull. Soc. Chim., 2, XIII, 107; C. C., 1870, 226; JB., 1870, 159; Quart. J. Sci., VI, 320; Chem. News, XVIII, 82.	Electrolysis by the induction spark.
	Bourgoin	Bull. Soc. Chim., 2, XII, 400; JB., 1869, 152.	Electrol. of organic bodies.
	"	Bull. Soc. Chim. 2, XI, 39; XII, 433; D. C. Ges., II,	Electrolysis of soda, potash and ammonia.

		15; Chem. News, XIX, 213; A. c. p., 4, XV, 48.	
1869	Clay	Sci. Amer., 2, XXI, 346.	Electro-metallurgy of Fe.
	Delaurier	C. R., LXVIII, 1124.	Electro-metallurgy of Cu.
	Friedel	Quart. J. Sci., 1, VI, 471.	Electrolysis of H_3Si.
	Gerland	Pogg., CXXXVII, 552; Anz. Ann. Chim., 4, XVIII, 461; JB., 1869, 147.	Electrolysis of water.
	Gore	Quart. J. Sci., 1, VI, 319.	Electrolysis of HFl.
	Hoffmann	Deut. Ges. Ber., 1869, 244.	Laws of electrolysis.
	Jacobi	Bull. Soc. Chim., 2, XII, 498; Bull. Sci. S. Peters., XIII, 40.	Electro-metallurgy of Fe.
	Kolrausch	Pogg., CXXXVIII, 385.	Electrolysis of H_2SO_4.
	Maisstrasse	B. Soc. l'Ind., 2, XVI, 590; XVII, 103.	Electro-metallurgy of Zn.
	Patry	Arch. ph. nat. [N. P.], Nov., 1868; Phil. Mag., 4, XXXVII, 475.	Research on electrodes.
	Rust	U. S. Pat. Rep., 1869, 98110.	Electrolysis of alloys.
	Tait	Phil. Mag., 4, XXXVIII, 243.	Electrolytic polarization.
	Tucker	U. S. Pat. Rep., 1869, 90894.	Electro-gilding on iron.
	Ullgren	Bull. Soc. Chim., 2, XII, 249.	Analysis of Cu and Ni.
	Varrentrapp	Bull. Soc. Chim., 2, XII, 420; Schweiz Polyt. J., 1868, 87; Zeitsch. Chem., XI, 732.	Electro-metallurgy of Fe.
	Warburg	A. c. p., 4, XVI, 489; Pogg., CXXXV, 114.	Heat in electrolysis.
	?	Sci. Amer., 2, XXI, 153.	Electro-gilding.
	?	" " 2, XXI, 278.	Baths for electro-plating.
	?	J. Fr. Inst., 3, LVIII, 370.	Electro-metallurgy of Fe.
	?	Sci. Amer., 2, XXI, 91.	Electro-plating paper.
1870	Becquerel	C. R., LXX, 345; Instit., 1870, 66; JB., 1870, 144; Amer. Chem., I, 147; Quart. J. Sci., 1, VI, 391.	Electro-capillarity in electrolysis.
	"	C. R., LXXI, 197; Instit., 1870, 225; JB., 1870, 149.	Laws of electro-capillarity.
	Bloomstrand	D. C. Ges., III, 533.	Classification of elements.
	Bourgoin	A. c. p., 4, XXI, 264; C. R., LXX, 811; JB., 1870, 274.	Electrolysis of acids.
	"	A. c. p., 4, XXI, 264; C. R., LXX, 191; J. Pharm., XII, 8; JB., 1870, 154; D. C. Ges., III, 325.	Electrolysis of salts.
	"	Bull. Soc. Chim., 2, XVII, 244; A. c. p., 4, XXVIII, 119; J. Chem. Soc., XXV, 27; JB., 1870, 108.	Theory of electrolysis.
	Boisfeillet	B. Soc. l'Ind., 2, XVII, 588.	Electrol. in photography.
	Bunge	D. C. Ges., III, 295, 911; Amer. Chem., I, 36, 310;	Electrolysis of salts.

		Bull. Soc. Chim., 2, XIV, 220; Chem. News, XXIII, 22; JB., 1870, 155.	
1870	Burckhard	Jen. Zeitschr., V, 393; Zeitschr. Chem., 1870, 212; Bull. Soc. Chim., 2, XIV, 35; JB., 1870, 157; Chem. News, XXI, 238; Amer. Chem., I, 37; Quart. J. Sci., 2., I, 430.	Electrolysis of salts.
	Christofle	Bull. Sci. S. Peters., XV, 319.	Electro-metallurgy.
	Gaiffe	Quart. J. Sci., 1, VII, 289.	Nickel plating.
	Hittorf	Pogg. CVI, 348; JB., 1870, 134.	Electrolysis of water.
	"	Pogg., CVI, 542; JB., 1870, 136.	Electrol. of Zn and Cd.
	Houzeau	C. R., LXX, 1286; Chem. News, XXI, 298; Amer. Chem., 1, 68; Quar. J. Sci. [N. S.], IX, 994.	Electrolysis of air.
	Howard	U. S. Pat. Rep., 1870, 100038.	Electro-metallurgy of Sb.
	Kohlrausch	A. c. p., April, 1870; Phil. Mag., 4, XL, 229.	Ohm's law in electrolysis.
	Martin	C. R., LXX, 611; Chem. News, XXI, 154.	Ozone by electrolysis.
	Royer	C. R., LXX, 731; JB., 1870, 633.	Electrol. of organic bodies.
	Runspaden	Quart. J. Sci., 1, VII, 138.	Electrolysis of water.
	Wernicke	Bull. Soc. Chim., 2, XV, 50; Pogg., CXLI, 109; J. pr. Chem., 2, II, 419; Am. J. Sci., 3, I, 298.	Electrolysis of salts.
	Wright	U. S. Pat. Rep., 1870, 101075.	Electro-plating.
1871	Adams	" " 1871, 113612; B. Soc. l'Ind., 2, XIX, 163, 253.	Electro-metallurgy of Ni.
	Bingham	U. S. Pat. Rep., 1871, 115926; Sci. Amer., 2, XXV, 42; Bull. Soc. Chim., 2, XVIII, 139.	Electro-metallurgy of Sn.
	Bourgoin	A. c. p., 4, XXII, 361; JB., 1871, 631; Bull. Soc. Chim., 2, XV, 8; D. C. Ges., V, 327.	Electrol. of organic bodies.
	Brodie	Proc. Roy. Soc., XX, 472; Bull. Roy. Soc., XXI, 482; Phil. Trans., CLXII, 495.	Electrolysis of gases.
	Farre	C. R., LXXIII, 1463; Quart. J. Sci., 2, II, 276.	Conduction by electrolysis.
	Lenz	B. Soc. l'Ind., XVIII, 155.	Electro-metallurgy of Fe.
	Merrick	Chem. News, XXIV, 100, 172; JB., 1871, 933; Bull. Soc. Chim., 2, XVI, 262.	Analysis of Cu and Ni.

1871	Moore	D. C. Ges., IV, 519; Am. J. Sci., 3, III, 177.	Electrolysis of $C_2H_4O_2$.
	Parmlee	U. S. Pat. Rep., 1871, 114191.	Electro-metallurgy of Ni.
	Pratt	" " 1871, 113090.	Electro-metallurgy.
	Quincke	Pogg., CXLIV, 1, 161; J. Pharm., 1871, 132; Phil. Mag., 4, XLIII, 396, 518.	Electrolysis.
	Schönn	Chem. News, XXIII, 59; Pogg., 1870, Sup. V, 11.	Electrolysis.
	Scoutten	Quart. J. Sci., 2, I, 299.	Electrolysis of wines.
	Skey	Chem. News, XXIII.	Electrolysis of oxides.
	Soret	A. c. p., 4, XXII, 150.	Electrolysis of oxygen.
	Walenn	Chem. News, XXII, 1; Sci. Amer., 2, XXIV, 119.	Electro-metall. of brass.
1872	Aarland	Chem. News, XXIV, 313; J. pr. Chem., 2, XVIII, 171.	Electrol. of itaconic acid.
	Beardslie	U. S. Pat. Rep., 1872, 12988.	Electro-metallurgy of Ni.
	Becquerel	C. R., LXXV, 1729; JB., 1872, 112.	Electrolysis of amalgams.
	"	C. R., LXXIV, 1310; JB., 1872, 114.	Electro capillarity.
	"	C. R., Jan., 1872; Chem. News, XXV, 70.	Decomposition by the spark due to calorific effects.
	Blanc	C. R., LXXV, 537.	H_2O_2 by electrolysis of H_2SO_4.
	Boillot	C. R., LXXVI, 628, 869, 1132, 1712; J. Chem. Soc., XXVII, 713; Chem. News, XXVII, 256; Chem. Soc. Trans. [V. S.], XI, 724.	Action of the electric brush on CyH and air.
	Böttger	Quart. J. Sci., 2, II, 407.	Electro-metallurgy of Zu.
	Brown	D. C. Ges., V, 484.	Electrolysis of sugar.
	Carstanjen	Bull. Soc. Chim., 2, XVII, 221; Jour. pr. Chem., IV, 376.	Electrol. of itaconic acid.
	Fearn	Bull. Soc. Chim., 2, XVIII, 43; XIX, 41.	Electro-metall. of alloys.
	Gladstone	Proc. Roy. Soc., XX, 218; Phil. Mag., 4, XLIV, 73; Chem. News, XXV, 145; Arch. ph. nat. [N. P.], II, 45, 413; JB., 1872, 111.	Electrolysis.
	Heeren	Bull. Soc. Chim., 2, XVIII, 371; Dingl. J., CCIV, 487.	Electro-metallurgy.
	Keith	Quart. J. Sci., 2, II, 402.	Electro-metallurgy of Ni.
	Kempf	Chem. News, XXIV, 157; J. pr. Chem., CLXXI, Nos. 11, 12.	Electrolysis of acetates.
	Lecoq	Bull. Soc. Chim., 2, XVII, 41; C. R., LXXIII, 1322.	Separation of Fe and Cu.
	Lobstein	Bull. Soc. Chim., 2, XVII, 480.	Electro-metallurgy.
	Mansfeld	Z. anal. Chem., 1872, 1; JB., 1872, 912.	Analysis of Cu, Ni, Co.

1872	Paterno	D. C. Ges., V, 642.	Electrolytic equivalents.
	Raoult	C. R., LXXV, 1103; JB., 1870, 111.	Electrolysis of Cd.
	Ruhmkorff	Quart. J. Sci., 2, II, 403.	Ozone by electrolysis.
	Tavernier	Bull. Soc. Chim., 2, XIX, 90.	Electro-metall. of alloys.
	Thenard	C. R., LXXV, 118.	Electrolysis of gases.
	Thompson	Chem. News, XXIV, 194.	Electrolysis of Al.
	Wright	" XXVI, 113; Amer. J. Sci., 3, IV, 29; Chem. Soc. Trans. [N. S.], X, 1072.	Ozone by electrolysis.
	?	Sci. Amer., 2, XXVI, 26.	Electro-metallurgy.
1873	Aarland	J. Chem. Soc., XXVI, 377; J. pr. Chem., 2, VI, 256; Chem. News. XXVII, 35; Bull. Soc. Chim., 2, XIX, 258.	Electrol. of itaconic acid.
	Becquerel	C. R., LXXVII, 84; JB., 1873, 123.	Electrolysis of water.
	"	JB., 1873, 120.	Electro-capillarity.
	"	C. R., LXXVII, 1130.	Electrolysis and chemical affinity.
	Brodie	J. Chem. Soc., XXVI, 744; Proc. Roy. Soc., XXI, 245; Phil. Mag., 4, XLVII, 309.	Electrolysis of CO.
	Chalevier	J. Chem. Soc., XXVI, 29; C. R., LXXV, 536.	Electrolysis by the electric brush.
	Divers	D. C. Ges., VI, 75.	Electrolysis of NH_4NO_3.
	Dumas	C. R., LXXVI, 519.	Electrolysis of CO_2.
	Gourdon	" LXXVI, 1250.	Electro-metallurgy of Zn.
	Gramme	Sci. Amer., 2, XXIII, 120.	Electrotyping.
	Helmholtz	Ber. Mon., 1873.	Conduction in electrolytes.
	Houzeau	C. R., LXXVI, 1203.	Electrolysis by the brush.
	Jean	" " 1203.	Action of the brush on CO_2.
	Kohlrausch	Pogg., CXLIX, 171; JB., 1873, 125.	Electrolysis of Ag.
	Ladenburgh	J. Chem. Soc., XXVI, 26; D. C. Ges., V, 753.	Electrolysis and molecular weight.
	Le Blanc	Chem. Soc. Trans., XXVI, 242.	H_2O_2 by electrol. of H_2SO_4.
	Levison	J. Fr. Inst., May, 1873.	Production of NH_3 in nitric acid batteries.
	Lippmann	Pogg., CXLIX, 547; Phil. Mag., 4, XLVII, 28.	Action of ions on electrodes.
	Maistrasse	B. Soc. l'Ind., 2, XX, 689.	Electrolysis of Sn.
	Maumené	C. R., LXXVI, 1146.	Electrolysis by the brush.
	Moncel	J. Chem. Soc., XXVI, 833; C. R., LXXVI, 1136.	Mercury electrodes.
	"	" LXXVI, 1015.	Electrolysis by the brush.
	Pisati	D. C. Ges., VI, 142.	Modifications of electrol.
	Raoult	C. R., LXXVI, 156; JB., 1873, 125.	Electrolysis of Zn, Cd, Sn.
	Sundell	Pogg., CXLIX, 144.	Electrolysis of metals.

1873 Thénard	C. R., LXXVI, 1082, 1508, 1048, 183, 517; J. Chem. Soc., XXVI, 1093; Chem. News, XXVII, 243.	Electrolysis by the electric brush.
?	Sci. Amer., 2, XXIII, 23.	Electro-metallurgy.
?	" 2, XXIX, 71.	Electro-plating with Sn.
?	J. Chem. Soc., 1873, 452.	Electrolysis of Zn.
1874 Becquerel	C. R., LXXIV, 82; LXXVI, 245, 845; LXXVIII, 89, 1018, 1081; LXXIX, 82, 1281; JB., 1874, 132, 133.	Electro-capillarity.
Bourgoin	D. C. Ges., VII, 1039.	Oxymalinic acid.
Boillet	C. R., LXXIX, 636.	Electrolysis by the brush.
Domanlip	J. Chem. Soc., XXVII, 645; C. C., 1873, 177.	Mechanical theory of electrolysis.
Dumas	C. R., LXXVIII, 313.	Electrol. of acetic acid.
Favre	" LXXVIII, 1678; JB., 1874, 130; D. C. Ges., VII, 950; J. Chem. Soc., XXVII, 861; Chem. News, XXX, 63.	" of carbonates of soda.
Gladstone	Br. A. Ad. Sci., 1874, 56; Instit., 1874, 354; JB., 1874, 130; Chem. News, XXXI, 49.	Electrolysis of Cu and Pt.
Martin	C. R., LXXVIII, 1354.	Analysis by electrolysis.
Onimus	" LXXVIII, 643; JB., 1874, 131.	Electro-capillarity.
Renard	C. R., LXXIX, 508, 159; JB., 1874, 128.	Passive iron.
Regnon	C. R., LXXIX, 299; JB., 1874, 129.	The same.
Schrötter	Pogg., CLII, 171; Phil. Mag., 4, XLVIII, 239.	Electrolysis of P.
Slavik	D. C. Ges., VII, 1051.	Electrolysis of salts.
Symons	J. Chem. Soc., XXVIII, 328; Pharm. J. Trans., 3, V, 325; Br. A. Ad. Sci., 1874, 31; JB., 1874, 131.	Electrolysis of oils and non-conductors.
Thénard	C. R., LXXVIII, 219.	Electrol. of acetic acid.
Thompson	Proc. Roy. Soc., 1874.	Electrolytic conduction in hot glass.
Wittstein	Bull. Soc. Chim., 2, XXI, 565; Dingl. J., CCXII, 137.	Silver baths in electroplating.
Wright	Am. J. Sci., 3, VI, 184; Chem. Soc. Trans. [N.S.], XII, 975.	Ozone by electrolysis.
?	J. Fr. Inst., 3, LXVII, 12.	Iron electrotypes.
1875 Becquerel	C. R., LXXX, 411.	Electrolysis in nutrition.
"	C. R., LXXX, 411, 585; JB., 1875, 102, 142.	Electro-capillarity.
"	C. R., LXXXI, 1002.	Electrol. of organic bodies.
"	" LXXXI, 803, 849.	Electrolysis and chemical affinity.

1875	Boillet	C. R., LXXX, 1167.	Ozone by electrolysis.
	Budde	Pogg., CLVI, 618; JB., 1875. 100; J. Chem. Soc., XXIX, 865.	Electrolysis.
	Christomanos	Gaz. Chim. Ital., 1875, 402; JB., 1875, 397.	Diphenyl by electrolysis.
	Coquillon	D. C. Ges., VIII, 1534.	Electrol. of aniline salts.
	Ducretes	C. R., LXXX, 280; JB., 1875, 100.	Aluminium electrodes.
	Fleming	Br. A. Ad. Sci., 1875, 28.	Electrolysis by the spark.
	Gladstone	Proc. Roy. Soc., XXIV, 47; JB., 1875, 101.	Electrolysis.
	Goppelsröder	C. R., LXXXI, 944; D. C. Ges., IX, 959; JB., 1875, 102.	Electrolysis of aromatic compounds.
	Janeczek	J. Chem. Soc., XXIX, 182; D. C. Ges., VIII, 1018; JB., 1875, 101.	Theory of electrolysis.
	Müller	J. Chem. Soc., XXVIII, 123; Pogg., CLI. 286.	Distribution of the current in the electrolyte.
	Obach	Pogg., VII, Sup., 280; JB., 1875, 97.	Electrol. of amalgams.
	Renard	D. C. Ges., VIII, 182; C. R., LXXX, 105, 236.	Electrolysis of alcohol.
	"	C. R., LXXXII 562; LXXXI, 188; Chem. News, XXXI 72; XXXII, 84	Electrol. of glycerine.
	Tribe	Proc. Roy. Soc., XXIV, 308; J. Chem. Soc., XXX, 36; Chem. News, XXXIII, 213; JB., 1876, 126.	Theory of electrolysis.
1876	Becquerel	C. R., LXXXII, 1007.	Electro-capillarity.
	"	" LXXXII, 353.	Electrol. by the spark.
	Berthelot	" LXXXII, 1002.	Currents of high tension.
	"	" LXXXII, 1360.	Electrol. by the brush.
	Bertrand	" LXXXIII, 854; J. Chem. Soc., XXXI, 161; JB., 1876, 126.	Electrolysis of Al, Mg, Cd, Sb, Bi, and Pt.
	Bleekrode	Proc. Roy. Soc., XXV, 322.	Electrolysis.
	Bunge	D. C. Ges., 1876, 1598; JB., 1876. 128.	Electrol. of formic acid.
	"	D. C. Ges., IX, 78.	Electrol. of oxalic acid.
	Cazeneuve	J. Chem. Soc., XXX, 456; C. R., LXXXII, 1341.	Metallic films on organic substances by electrol.
	Christomanos	D. C. Ges., VIII, 1359.	Electrol. of acetylchloride.
	De la Rue	Proc. Roy. Soc., XXV, 323.	Electrolysis of HCl.
	Dossios	D. C. Ges., IX, 1792.	Theory of electrolysis.
	Elsässer	" " IX, 1818; Bull. Soc. Chim., 2, XXVIII, 469; J. Chem. Soc., XXXI, 676.	Mg and Pt electrodes.
	Fuchs	Pogg., CLIX, 486; JB., 1876, 126.	Electrolysis.
	Gladstone	J. Chem. Soc., 1876, 2, 152; JB., 1876, 127, 129; C. C., 1876, 545; Chem. News, XXXIII, 218; D. C. Ges.,	Electrolysis of water.

1876		IX, 950; Bull. Soc. Chim., 2, XXVIII, 107.	
	Goppelsröder	D. C. Ges., IX, 59; C. R., LXXXII, 1199; Chem. News, XXXIV, 118; JB., 1876, 129.	Electrol. of aniline salts.
	Guillaume	C. R., LXXXII, 349.	Electrol. of liquid CO_2.
	H. H. B. S.	J. Chem. Soc., XXX, 115; C. C., 1875, 527.	Electrol. in assaying.
	Mourocy	Bull. Soc. Chem., 2, XXVI, 525.	Electro-metall. of Bi, Sb.
	Roberts	Chem. News, XXXI, 137.	Electrolysis of Fe.
	Schiel	Pogg., CLIX, 489; JB., 1876, 127.	Electrolysis of gold salts.
	Schiff	D. C. Ges., IX, 344.	Electrolysis of salts.
	Wöhler	" " IX, 1821.	H at both electrodes.
1877	Becquerel	C. R., LXXXIV, 145	Electrolysis in capillary tubes.
	Beetz	Ann. Phys., 2, II, 94; JB., 1877, 165; J. Chem. Soc., XXIV, 2; D. C. Ges., X, 118.	Electrolysis with Al. electrodes.
	Berthelot	A. c. p., 5, XIV, 361; C. R., LXXXVI, 71.	Electrolysis of water.
	Böttger	J. Chem. Soc., XXXII, 375; C. C., 1876, 640.	Electrolysis of Co.
	Bourgoin	Bull. Soc. Chim., 2, XXVII, 545; XXVIII, 51; C. R., LXXXIV, 1231.	Electrolysis of pyrotartaric acid.
	Fleming	J. Chem. Soc., XXXI, 266; Phil. Mag., 5, I, 142; Proc. Roy. Soc., XXVI, 40.	Polarization of electrodes.
	Frantz	J. Chem. Soc., XXXII, 239; C. C., 1876, 592.	Electrolysis of Pl.
	Gibbs	D. C. Ges., X, 1388.	Electrolysis of NH_4NO_3.
	Gladstone	Proc. Roy. Soc., XXVI, 2.	Conduction of organic bodies.
	Goppelsröder	Dingl. J., CCXXI, 81; CCXXIII, 317, 634; CCXXIV, 92, 209; JB., 1877, 166.	Electrol. of organic bodies.
	Guerout	C. R., LXXXV, 225; JB., 1877, 166.	Electrolysis of H_2SO_4.
	Hellesen	Chem. News, XXXV, 72; C. R., LXXXIV, 85.	Electrolysis of strong salts.
	Jablochkoff	" Dec., 1877.	Electrolysis of C.
	Javelle	" LXXXIV, 1171.	Electrolysis of naphthaline.
	Kohlrausch.	J. Chem. Soc., XXXI, 429; Dingl. J., CCXXII, 283.	Heat and electrolysis.
	Kowalewsky	Bull. Soc. Chim., 2, XXVII, 555; Ber., 1877, 413; JB., 1877, 166; D. C. Ges., X, 413.	Electrolysis of Cu SO_4.
	Parodi	J. Chem. Soc., XXXII, 804; Gaz. Chim. Ital., VII, 222.	Analysis of Zn and Pb.
	Planté	C. R., LXXXIV, 26.	Electrolysis of Si.

1877	Reboulaud	C. R., LXXIV, 1231; Bull. Soc. Chim., 2, XXVII, 545; JB., 1877, 166.	Electrol. of organic bodies.
	Rout	J. Chem. Soc., XXXII, 161, 271; C. C., 1876, 401.	Platinum penetrated by electrolytic gases.
	Thénard	J. Chem. Soc., XXXII, 269; C. R., LXXXIV, 706.	Electro-metallurgy.
	Thruchot	C. R., LXXXIV, 714.	Electrolysis by the spark.
	Tribe	Proc. Roy. Soc., XXVI, 222; JB., 1877, 165.	Electrolysis.
	Wrightson	J. Chem. Soc., XXXI, 340; Zeitsch. anal. Chem., 1876, 297.	Analysis by electrolysis.
1878	Becquerel	C. R., 1878, 1018, 1081.	Electro-capillarity.
	Berggren	J. Chem. Soc., XXXIV, 101; A. c. p., 5, I, 499.	Conductivity of electrolytes.
	Berthelot	J. Chem. Soc., XXXIV, 554; C. R., LXXXVI, 277.	Electrolysis of persulphuric acid.
	Bleekrode	Ann. Phys., 2, III, 161; Phil. Mag., 5, V, 375, 439; JB., 1878, 148; J. Chem. Soc., XXXIV, 464.	Electrol. of simple salts.
	Bouvet	C. R., LXXXVII, 1068; J. Chem. Soc., XXXVI, 293.	Electrol. under pressure.
	Coppola	Gaz. Chim. Ital., VIII, 60; Ann. Phys. Beibl., II, 353; JB., 1878, 152.	Electrolysis of glucose.
	Delcambre	Bull. Soc. Chim., 2, XXX, 431.	Electro-metallurgy.
	Ebermayer	J. Chem. Soc., XXXIV, 178; Dingl. J., CCXXIV, 631.	Electro-gilding.
	Elsässer	Ann. Phys. Beibl., II, 352.	H at both electrodes.
	Exner	Wien. Akad. Ber., 2, LXXVII, 655.	Electrolysis of waters.
	Gladstone	Chem. Soc. J., XXXIII, 139; Chem. News, XXXVII, 68.	Electrolysis.
	Herwig	J. Chem. Soc., XXXIV, 191; Ann. Phys., 2, IV, 173.	Movements of mercury in electrolysis.
	Hittorf	" 2, IV, 374; JB., 1878, 149.	Electrolysis of salts.
	Kayser	J. Chem. Soc., XXXIV, 537; C. C., 1878, 127.	Electro-metallurgy of Ni.
	Kirmis	Ann. Phys., 2, IV, 502; JB., 1878, 150.	Research on the ions.
	Leeds	Ann. N.Y. Acad. Sci., I, 197; Chem. News, XXXVIII, 224.	Ozone by electrolysis.
	Lippmann	J. Chem. Soc., XXXIV, 926; C. R., LXXXVI, 1540.	Electrodes in metallic solutions.
	Morges	C. R., LXXXVII, 15; C. C., 1878, 602; JB., 1878, 151.	Electrolysis of Cr.

1878	Pratt	Bull. Soc. Chim., 2, XXIX, 142.	Electro-metallurgy of Ag.
	Wright	J. Chem. Soc., XXXIV, 251; Am. J. Sci., 3, XIV, 167.	Specula coated by electrolysis.
1879	Berthelot	C. R., LXXXIX, 683.	Electrolysis of Au.
	Bode	J. Chem. Soc., XXXVI, 760; Dingl. J., CCXXXI, 254, 357, 428.	Electro-metallurgy.
	Brann	J. Chem. Soc., XXXVI, 194; Ann. Phys., 2, IV, 476.	Electrolytic conduction.
	Dewar	Proc. Roy. Soc., XXIX, 188.	Electrolysis of HCN.
	"	" " XXX, 170.	Electrolytic experiments.
	Levison	Am. J. Sci., 3, XIX, 29.	Electrolytic phenomena.
	Schöne	J. Chem. Soc., XXXVI, 878.	Electrolysis of H_2O_2.
	Troost	Quart. J. Sci., 3, I, 708.	Electro-metallurgy of Co.
1880	Bandet	C. R., XCI, 1004.	Ozone by electrolysis.
	Bourgoin	" XC, 608; Chem. News, XLI, 183.	Electrol. of malonic acid.
	Habermann	Wein. Acad. Ber., 3, LXXXI, 747; JB., 1880, 175.	Electrol. of organic bodies.
	Hautefeuille	C. R., XCI, 28.	Electrolysis by the slow discharge.
	Leeds	Lond. J. Sci., 3, II, 145.	Ozone by electrolysis.
	Ohl	Zeitschr. anal. Chem., XVIII, 521; Chem. News, XLI, 25.	Analysis of Co, Ni, and Cu by electrolysis.
	Renard	C. R., XC, 531; Chem. News, XLI, 172.	Electrol. of terebenthine.
	"	C. R., XCI, 175.	Electrolysis of benzine.
	Schucht	Chemikerzeitung, 1880, 292; Zeitung, XXXIX, 121; JB., 1880, 174; Chem. News, XLI, 280.	Electrol. of U, Th, V, Pl.
	Smith	JB., 1880, 174; D. C. Ges., 1880, 751.	Electrolysis of iron.
	Weston	Ann. Phys. Beibl., IV, 70; JB., 1880, 177.	Electro-metallurgy of Ni.

LIST OF ABBREVIATIONS.

A. c. p.	Annales de chimie et de physique,—Paris.
Am. Chem.	American Chemist,—New York.
Am. J. Min.	American Journal of Mining,—New York.
Am. J. Sci.	American Journal of Science and Arts, Silliman and Dana,—New Haven, Conn.
Ann. Elect.	Annals of Electricity,—London.
Ann. Ch. Pharm.	Annalen der Chemie und Pharmacie,—Heidelberg.
Ann. d. M.	Annales des mines,—Paris.
Ann. N. Y. Acad. Sci.	Annals of the New York Academy of Sciences,—New York.
Ann. Phys. Beibl.	Beiblätter zu den Annalen der Physik und Chemie.
Arch. Élect.	Archives de l'electricité,—Genève.
Arch. ph. nat.	Archives des sciences physique et naturelles,—Genève.
Arch. Pharm.	Archiv der Pharmacie,—Lemgo.
Arch. Neer Sci.	Archives Néerlandaises des sciences exactes et naturelles,—Haarlem.
Berl. Acad. Ber.	Bericht über die Verhandlungen der K. Preussiche Academie der Wissenchaften zu Berlin.
Berl. Monb.	Berlin. Monatsbericht.
Berz. Jahresb.	Jahresbericht über die Fortschritte der Chemie,—Berzelius, Tübingen.
Bibl. Univers.	Bibliothèque universelle des sciences,—Genève.
Br. A. Ad. Sci.	Report of the British Association for the Advancement of Science.
Basel, Ber.	Bericht über die Verhandlungen der naturforschende Gesellschaft zu Basel.
Br. d'Inv.	Descriptions des machines et procédes specifiés dans les brevets d'inventions,—Paris.
Br. Pat. Rep.	British Patent Reports.
Bull. Acad. Brus.	Bulletin de l'Académie royale,—Bruxelles.
Bull. de St. Pétersb.	Bulletin de classe physico-mathématique,—St. Pétersbourg.
Bull. Sci. St. Pétersb.	Bulletin Scientifique publié par l'Académie Imp. des Sciences.—St. Pétersbourg.
Bull. Soc. Chim.	Bulletin de la Société chimique de Paris.
B. Soc. l'Ind.	Bulletin de la Société d'encouragement pour l'industrie nationale,—Paris.
C. C.	Chemisches Centralblatt,—Leipzig.
Chem. Gaz.	Chemical Gazette, Francis and Croft,—London.
Chem. News.	Chemical News, Crookes,—London.
Chem. Soc. Q. J.	Quarterly Journal of the Chemical Society,—London.
Chem. Soc. Trans.	Transactions of the Chemical Society,—London.
Chem. Soc. Mem.	Memoirs of the Chemical Society—London.
Cimento.	Il Cimento, giornale di fisica, ecc.,—Pisa.
Cosmos	Cosmos, les Mondes, Moigno, Paris.

C. R.	Comptes rendues des séances de l'Académie des sciences,—Paris.
Dingl. J.	Polytechnisches Journal, Dingler—Stuttgart.
D. C. Ges. or Deut. Ges. Ber.	Berichte der deutschen chemischen Gesellschaft zu Berlin.
Edinb. J. Sci.	Edinburgh Journal of Science,—Brewster.
Edinb. N. Phil. J.	Edinburgh New Philosophical Journal.
Edinb. Phil. J.	Edinburgh Philosophical Journal.
Elec. Mag.	Electrical Magazine,—London.
Eng. Arch. J.	Engineers' and Architects' Journal,—London.
F. R.	Faraday's Researches, Taylor,—London, 1844.
Gaz. Chim. Ital.	Gazzeta chimica Italiana,—Palermo.
Gaz. de L.	Gazette de Lausanne.
Gehlen's J.	Allgemeines Journal der Chemie, Gehlen,—Berlin.
Gel. Anz.	Gelehrte Anzeigen,—München.
Gilb. Ann.	Annalen der Physik, Gilbert,—Halle.
Göttl. Alm.	Göttling's Almanach für Scheidekünstler,—Weimar.
G. Sci. Mis.	Griffin's Scientific Miscellany.—Glasgow.
Hist. l'Acad.	Histoire de l'Académie des Sciences,—Paris.
Instit.	L'Institut.,—Paris.
Inv. Ad.	Inventor's Advocate,—London.
JB. or Jahresb.	Jahresbericht über die Fortschritte der Chemie,—Giessen.
Jen. Zeitschr.	Jenaische Zeitschrift für Medicin und Naturwissenschaft,—Leipzig.
J. Fr. Inst.	Journal of the Franklin Institute—Philadelphia.
J. pr. C.	Journal für praktische Chemie, Erdmann, Leipzig.
J. Chem. Soc.	Journal of the Chemical Society,—London.
J. Roy. Inst.	Journal of the Royal Institution of Great Britain.
Journ. de Phys.	Journal de physique, Rozier,—Paris.
J. Pharm.	Journal de pharmacie et de chimie,—Paris.
J. Polyt.	Journal de l'École polytechnique,—Paris.
Kastn. Archiv.	Archiv. für die gesammte Naturlehre, Kastner,—Nürnberg.
Laborat.	Labsratory,—London.
Liebig's Ann.	Annalen der Chemie und Pharmacie—Liebig.
Lond. J.	London Journal of Arts and Sciences,—Newton.
Mech. Mag.	Mechanics' Magazine,—London.
Mém. de l'Acad. Sci.	Mémoires de l'Académie des sciences,—Paris.
Mém. Soc. Imp. M.	Mémoires de la Société impériale des naturalistes,—Moscow.
Mem. Acad. T.	Memoirs of the Royal Academy of Sciences, Turin.
Neues Jour.	Neues Journal für Chemie und Physik, Schweigger-Seidel, Nürnberg.
N. Ed. Phil. J.	Edinburgh New Philosophical Journal, Jameson.
Nich. J.	Journal of Natural Philosophy, Chemistry and the Arts, Nicholson,—London.
N. Gehl.	Journal für Chemie und Physik, Gehlen, Leipzig.
N. Pét. Acad. Bull.	Bulletin de l'Académie des sciences de St. Pétersbourg.
Nov. Com. Bon.	Novi commentarii academiae scientiarum instituti Bonoviensis,—Bologna.
Pat. J.	Patent Journal,—London.
Pharm. Cent.	Pharmaceutisches Centralblatt,—Leipzig.

Pharm. J.	Pharmaceutical Journal and Transactions,—London.
Phil. Mag.	London, Edinburgh and Dublin Philosophical Magazine,—London.
Phil. Trans.	Philosophical Transactions of the Royal Society,—London.
Pogg.	Annalen der Physik und Chemie, Poggendorf,—Berlin.
Proc. Roy. Soc.	Proceedings of the Royal Society of London.
Quart. J. Sci.	Quarterly Journal of Science, Crookes,—London.
Rec. Pat. Inv.	Record of Patent Inventions.—London.
Rep. of Arts.	Repertory of Arts and Manufactures—London.
Rep. Br. Assoc.	Reports of the British Association for the Advancement of Science.
Rép. Chim. app.	Répertoire de chimie appliquée,—Paris.
Rép. Chim. pure.	Répertoire de chimie pure,—Paris.
Rev. Sci.	Revue des sciences—Paris.
Roma, Atti.	Atti dell' accademia Pontificia dei nuovi Lincei,—Roma.
Schweigg.	Journal für Chemie und Physik, Schweigger, Nürnberg.
Schweiz. polyt. Z.	Schweizerische polytechnische Zeitschrift,—Winterthur.
Sci Amer.	Scientific American, New York.
T. Ann.	Thompson's Annals,—London.
U. S. Pat. Rep.	United States Patent Reports.
Wien Akad. Ber.	Sitzungsberichte der naturwissenschaftliche Classe der Kaiserlich. Akademie der Wissenschaften zu Wien.
Zeitsch. Chem.	Zeitschrift für Chemie,—Göttingen.
Zeitschr. Chem. Pharm.	Zeitschrift für Chemie und Pharmacie,—Erlangen.
Zeitschr. anal. Chem.	Zeitschrift für analytische Chemie, Fresenius,—Wiesbaden.